

IFTA UPDATE

2017 Volume 24 Issue 3

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Next Issue: December 2017

Submission Deadlines

Education articles: November 15—
send submissions to newsletter@ifta.org

All other content: December 1—
send submissions to admin@ifta.org

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a newsletter for the colleagues of the International Federation of Technical Analysts

President's Report to Colleagues

Dear IFTA Colleagues,

With less than a month to go, the final countdown for the 2017 IFTA Annual Conference in Milan, Italy, is upon us. It is undoubtedly that time of year where things get quite exciting for the IFTA community. The hosting society (SIAT), led by its president, Davide Bugarelli; the local conference committee team; and the IFTA conference director, Francesco Caruso, has been preparing for an unforgettable event in Milan.

Over the past months, SIAT has been regularly announcing the developments and preparations for the conference. Whether it's the exciting conference theme, the outstanding list of guest speakers, or the intriguing topics, I have no doubt that this conference will be another successful IFTA event, and one that will leave the delegates with plenty to take back home. So, if you plan to attend but haven't registered yet, I strongly suggest that you quickly do so, before it's too late!

The day before the conference, the Annual General Meeting (AGM) will be held in Milan at the Excelsior Hotel Gallia. The AGM is a unique opportunity for representatives of IFTA member societies to meet with each other and the IFTA board. Both the IFTA board and member-society liaisons will present and share their reports on the annual events and developments of their respective organizations.

This year's AGM agenda will include electing candidates for the IFTA board. This year, IFTA has two vacant positions, for which we have received four applications. The candidates' profiles are included in this newsletter on page 22. As per the bylaws, IFTA formed a Nominating Committee, consisting this year of me, Stephanie Eismann (VTAD), Paul McLaren (ATAA/STA), Tom Hicks (IFTA/STA), and Mohamed Younis (ESTA).

On a sad note, the IFTA community lost a true champion, mentor, and dear friend,

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International Federation of Technical Analysts
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IFTA 2017 Annual General Meeting

Thursday, 12 October
16:30 – 17:30 (4:30PM – 5:30PM)

Excelsior Hotel Gallia
Piazza Duca d'Aosta, 9
Milan, Italy 20124

All IFTA colleagues are encouraged and invited to attend. For further information, contact the IFTA staff at admin@ifta.org.

Professor Henry (Hank) Pruden, who passed away in late August.

A special message from IFTA to commemorate and recognize Dr. Pruden's lifetime achievements in the field of technical analysis is included separately in this *Update* on page 6.

Continued on page 2

President's Report *continued*

We also received sad news from the ATAA on the passing of one of its Honorary Life Members, Dawn Bolton-Smith, in August. Dawn was one of the original founders of the ATAA in 1990, where she served as vice president. In the years following, she held many positions, and up until 2011, she was a regular presenter at ATAA meetings and conferences. In the field of TA, Dawn was the first technical analyst to be employed by the Australian stock market in 1964. On behalf of IFTA, we would like to express our heartfelt condolences to Dawn's family and friends and ATAA colleagues.

Last, but not least, I would like to thank all member societies who shared updates and news from your local societies as well

as all those who contributed to producing this newsletter. Sharing information, knowledge, and experience is and always will always be, in spirit, the reason why IFTA exists and continues to do so.

Looking forward to meeting many of you this year in Milan at the 30th Annual IFTA Conference!

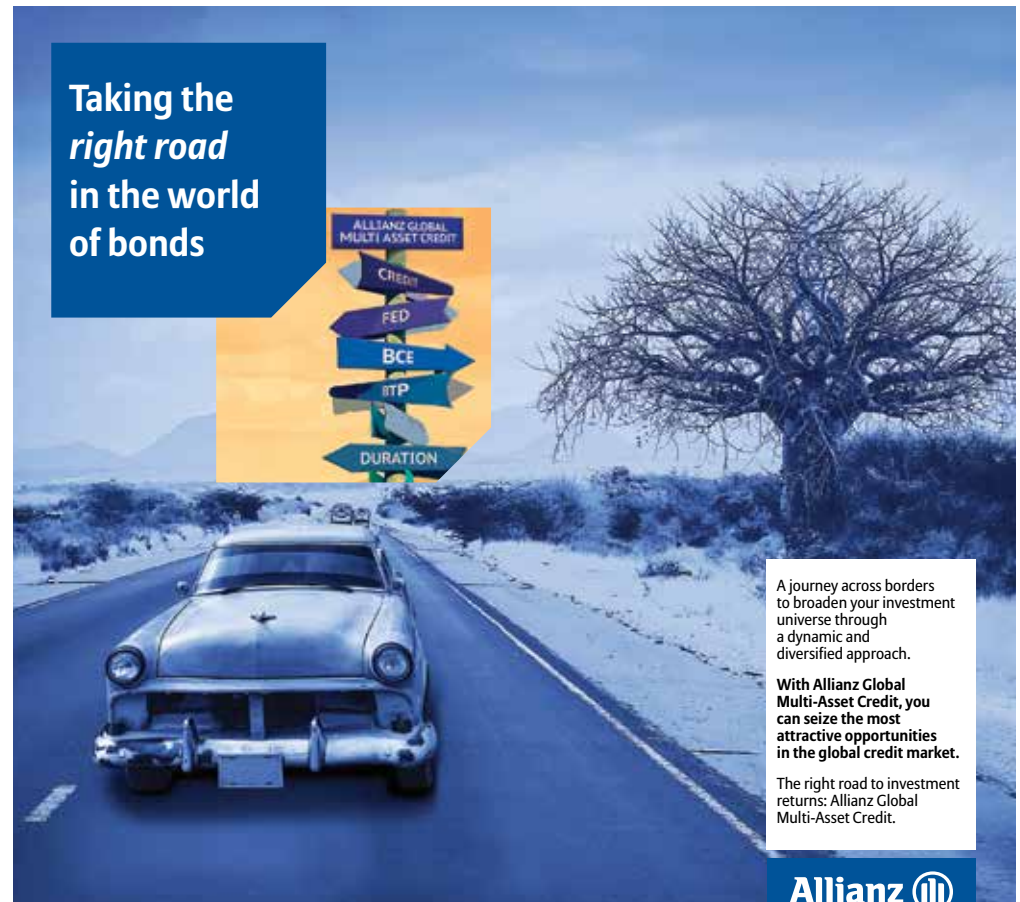
Best regards,



Mohamed El Saiid, CFTe MFTA
IFTA President



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IFTA 2017
MILAN
Sailing to the future

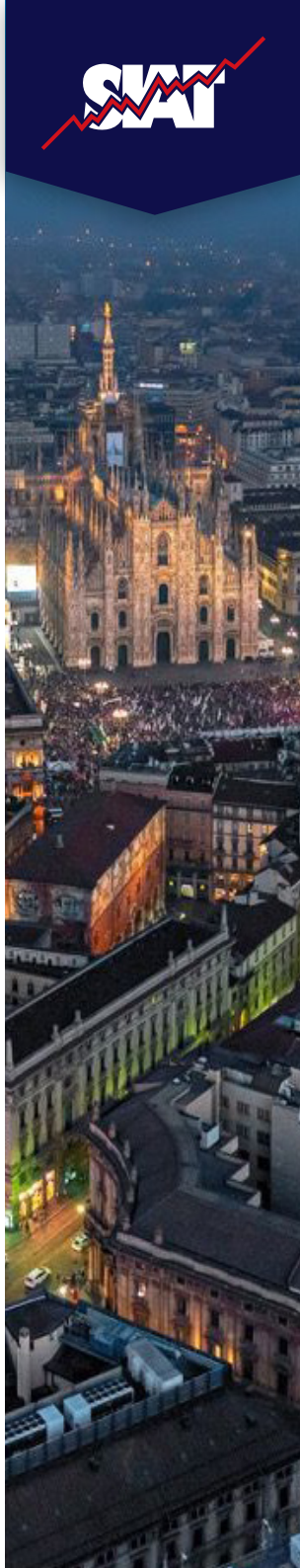
12 October - KICK OFF

13-15 October - CONFERENCE

hosted by www.siat.org

The *IFTA 30th Annual Conference* will be held at the *Excelsior Hotel Gallia*, on *Friday 13 – Sunday 15 October*.

The title of the conference, “*Sailing to the future*”, will allow us to go beyond the usual thematic of Technical Analysis, exploring the sea of opportunities that has been originated by a totally new “*quant*” generation of technologies, markets and instruments. We will also try to go inside the vast thematic of the contamination between our discipline and many other fields of economics (i.e. Behavioural Finance, AI, Big Data, Cryptocurrency and Blockchain), with top institutional and academic contributions.



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Calendar-at-a-Glance

Date	Topic	Host	Speaker	Location	Time	Contact
Monthly	Presentations from local and international speakers on a comprehensive range of topics (e.g., sharemarket, CFDs, options, futures, FOREX trading, methodologies, money management, psychology).	STANZ (New Zealand)	Various	Epsom Community Centre 200-206 Gillies Ave. Auckland, NZ	Varies	www.stanz.co.nz/
Monthly	Meetings are held monthly in nine cities across Australia. All monthly meetings are free to members. Visitors are welcome to attend. Bookings are not required. Visitors fee is \$30.	ATAA (Australia)	Various	Various	Varies	www.ataa.com.au/meetings
Monthly	Chapter leaders and their volunteer members serve as ambassadors for the CSTA and plan social and educational events for the area. Events include presentations by industry professionals and technical analysis experts and peer learning gatherings. Chapters also play a vital role in their communities by connecting individuals and promoting technical analysis.	CSTA Chapters (Canada)	Various	Various	Varies	www.csta.org
Monthly	Meetings & Events: The STA holds monthly meetings in London, usually on the second Tuesday of every month, except for a summer break in August.	STA	Varies	British Bankers Association • Pinners Hall 105 – 108 Old Broad Street • London EC2N 1EX	Varies	Katie Abberton, info@sta-uk.org
2017						
Oct	2	Master of Financial Technical Analysis (MFTA) Session 2 application, outline and fees deadline	IFTA	NA	NA	admin@ifta.org
	7	Timing Markets the Harmonic Way	ATMA	Brijesh Bhatia, MBA	Assembly Hall, St. Xavier's College, 5, Mahapalika Marg, Mumbai, Maharashtra-400 001.	13:30-17:00 https://www.atma.ac/events
	10	Detecting Market Cycles Using Inverse-Logic Spectral Analysis	STA	Dr. Dmytro Bondar	British Bankers Association, Pinners Hall, 105-108 Old Broad Street, London	18:00 https://www.sta-uk.org/resources/meetings-events/
	10	Is the cycle broken? Investment opportunities & risks ahead	SAMT	Robin Griffiths	Hotel Tiffany (Salon Audrey) Rue de l'Arquebuse 20, 1204 Genève	18:00 https://www.samt-org.ch/events
	11	Is the cycle broken? Investment opportunities & risks ahead	TASS	Robin Griffiths	Volkshochschule Zürich, Bäregasse 22, 8001 Zürich	18:00 https://www.samt-org.ch/events
	12	IFTA Annual General Meeting (AGM)	IFTA & SIAT	Varies	Excelsior Hotel Gallia Piazza Duca D'Aosta 9, Milan, Italy	16:30-17:30 admin@ifta.org ; www.ifta.org
	13-15	IFTA 30 th Annual Conference	IFTA & SIAT	Varies	Excelsior Hotel Gallia Piazza Duca D'Aosta 9, Milan, Italy	Varies admin@ifta.org ; www.ifta.org
	15	Master of Financial Technical Analysis (MFTA) Session 1 paper submission deadline	IFTA	NA	NA	admin@ifta.org
	19	Certified Financial Technician (CFTe II) Examination	IFTA	NA	Varies	admin@ifta.org ; www.ifta.org
	20	Volume at Price: Not all prices are equal!	TASS	Paul McLaren	6 Battery Rd., #20-01, Singapore	19:00-21:00 http://www.tass.org.sg/
Nov	1	IFTA Journal Web publication	IFTA	NA	NA	http://www.ifta.org/publications/journal/
	4-5	CFTe I Preparatory Course	VTAD	Manfred Schwendemann	IntercityHotel Dammtor-Messe, St. Petersburger Straße 1, 20355 Hamburg	10:00 - 18:00 info@vtad.de
	5	Analysis of the Criptoalutute Sector	SIAT	Matteo Maggioni	Video Conference	18:30 http://www.siat.org/contatti/
	15	IFTA Update submission deadline for educational articles (mid-December release)	IFTA	NA	NA	newsletter@ifta.org Attn: Aurélia Gerber, Journal Director
Dec	1	IFTA Update submission deadline for news content (mid-December release)	IFTA	NA	NA	admin@ifta.org
2018						
Feb	15	IFTA Update submission deadline for educational articles (mid-March release)	IFTA	NA	NA	newsletter@ifta.org Attn: Aurélia Gerber, Journal Director
	28	Master of Financial Technical Analysis (MFTA) Alternative Path, Session 1 application deadline.	IFTA	NA	NA	http://www.ifta.org

Calendar-at-a-Glance *continued*

Mar	1	IFTA Update submission deadline for news content (mid-March release)	IFTA	NA	NA	Varies	admin@ifta.org
	2	Certified Financial Technician (CFTe) Level II—deadline to register for April examination	IFTA	NA	Varies	Varies	admin@ifta.org
	15	Master of Financial Technical Analysis (MFTA) Session 1 paper submission deadline	IFTA	NA	Varies	Varies	admin@ifta.org http://www.ifta.org
April	19	CFTe II Examination	IFTA	NA	Varies	Varies	admin@ifta.org http://www.ifta.org
May	1	Certified Financial Technician (CFTe) Level II – registration opens for October examination through IFTA website	IFTA	NA	Varies	Varies	http://www.ifta.org
	2	Master of Financial Technical Analysis (MFTA) Session 1 application, outline, and fees deadline	IFTA	NA	NA	NA	admin@ifta.org
	15	IFTA Update submission deadline for educational articles (mid-June release)	IFTA	NA	NA	Varies	newsletter@ifta.org Attn: Aurélia Gerber
	18-20	Practical Ways to Profit in Ever Changing Markets Conference	ATAA	High Profile Speakers - TBA	Melbourne, AU	TBA	https://ataa.asn.au/contact-us
Jul	31	IFTA Journal Call for Papers submissions deadline	IFTA	NA	NA	NA	journal@ifta.org
	11	Summer Party and Awards Ceremony	STA	Stephen Hoad, The Stop Hunter	British Bankers Association, Pinners Hall, 150-108 Old Broad St., London EC2N 1EX	18:00	https://www.sta-uk.org/resources/meetings-events/
	31	Master of Financial Technical Analysis (MFTA) Alternative Path, Session 2 application deadline	IFTA	NA	NA	NA	www.ifta.org
Aug	15	IFTA Update submission deadline for educational articles (mid-September release)	IFTA	NA	NA	Varies	newsletter@ifta.org Attn: Aurélia Gerber, Journal Director
Sept	1	IFTA Update submission deadline for news content (mid-Sept release)	IFTA	NA	NA	NA	admin@ifta.org

MFTA and CFTe Exam Dates

Certified Financial Technician (CFTe)—Level I

Date	Offered Year-round	
See our website for further instructions www.ifta.org/certifications/registration/		
Syllabus and Study Guide www.ifta.org/public/files/publication-downloads/IFTA_CFTe_Syllabus.pdf		

Certified Financial Technician (CFTe)—Level II

Date	19 Oct 2017	19 Apr 2018
Registration deadline	Closed	9 Mar 2018
Register at www.ifta.org/register/cfte2.php		
Syllabus and Study Guide www.ifta.org/public/files/publication-downloads/IFTA_CFTe_Syllabus.pdf		
For more information on the CFTe program, visit www.ifta.org/certifications .		

Master of Financial Technical Analysis (MFTA)

	Session 2	Session 1
Alternative Path Pre-Application Deadline	Closed	28 Feb 2018
Application/Outline Deadline	2 Oct 2017	2 May 2018
Paper Deadline	15 Mar 2018	15 Oct 2018
(Session 1) Register at www.ifta.org/register/mfta_alt_session1.php/		
(Session 2) Register at www.ifta.org/register/mfta_alt_session2.php/		

Congratulations New CFTes!

Chun Kit Chan, STA

Constantinos Kasapis, STA

Hooman Meghrazi

Petros Mina

Fabien Ouellette

Darion Turner, STA

In Memoriam

Dr. Henry "Hank" Pruden

Dear IFTA Members and Colleagues,

We are sad to report the passing of one of the pioneers and champions in the field of technical analysis, Professor Henry (Hank) Pruden. The news came as a shock to IFTA, as Dr. Pruden was scheduled to speak at the conference in Milan in October, and we were all looking forward to seeing him and attending his lecture again this year. On behalf of IFTA, we would like to express our heartfelt condolences to Dr. Pruden's family and friends and his colleagues in the technical analysis community.

The following is but a brief glimpse of Dr. Pruden's outstanding achievements during his lifetime.

In addition to serving as vice chair of IFTA, he served on the board of directors and as president (2002–2003 and 2007–2010) of the Technical Securities Analysts Association San Francisco (TSAA-SF), one of the founding member societies of IFTA. From 1982–1993, Dr. Pruden was a member of the board of trustees of Golden Gate University and, until recently, served as the executive director of the Institute of Technical Market Analysis (ITMA). He was a board director of the Market Technicians Association (MTA).

Dr. Pruden earned his B.S. from Chico State, an MBA from the University of California, Berkeley, and a Ph.D. (with Honors) from the University of Oregon. Later, he became a full-time professor in the School of Business at Golden Gate University in San Francisco, where he taught for 38 years.

In the mid-1970s, he pioneered the first technical analysis classes at the university and later developed accredited courses in technical markets and played a pivotal role in expanding the curriculum to include advanced topics in technical analysis and trading.

In his courses, Dr. Pruden emphasized the psychology of trading as well as the use of technical analysis methods. He had published extensively in both areas, and, being regarded as both an experienced trader and an academic theoretician, he had mentored numerous individual and institutional traders in the field of technical analysis for many years.

In recognition of his accomplishments over the years, Dr. Pruden was honored with several awards. He received the

Mike Epstein Award in 2010, the IFTA Life Achievement Award in 2013, and the MTA Annual Award in 2017, among others.

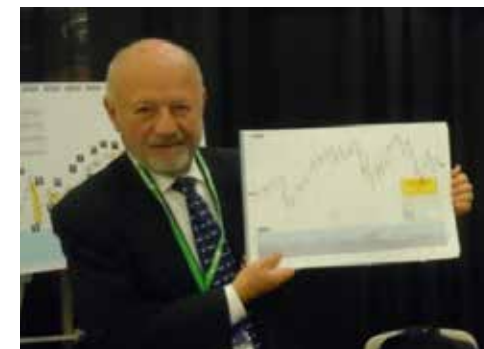
In addition to these achievements, Dr. Pruden was an active scholar. He was the editor of the MTA Journal and a regular lecturer at investment seminars around the world. He developed the Action Sequence method of active learning and is the author of *The Three Skills of Top Trading*.

Dr. Pruden, there is hardly anyone in the technical analysis community who was not touched by your kindness, support, guidance and knowledge. You will be truly missed but will always be remembered by all of us. May you rest in peace.

Sincerely,

Mohamed El Saiid
IFTA President

Dr. Rolf Wetzer
IFTA Immediate Past President



Dr. Henry "Hank" Pruden

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- **T3 Open**, the platform to connect with third-party software;
- **T3 Apps for iOS and Android tablets**, to trade with mobile devices with the same functions available on home computers.



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- **Margining on derivative instruments** for trading the major futures listed on all world markets with initial intra-day margins, reduced up to 20%;
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This service known as "What type of Investor are you?" ranked first in the category of "Wealth Management Products and Services" at the "AIFin "Cerchio d'oro dell'innovazione finanziaria" (Golden Circle Award for Financial Innovation - Italian Award)" in February 2017.

The attention to its customers' ongoing financial training has always been a key factor in Webank's market approach, strategy and customer care.

As a matter of fact, since 2010, more than 600 Webank events and webinars have focused on a gamut of financial topics with the active participation of highly qualified and famous speakers and professional traders.

Member News

ATMA (India)

IFTA welcomes a new developing member—the Association of Technical Market Analysts (ATMA). The board of trustees residing over the society includes President Sushil Kedia; Sr. Vice President Dr. C.K. Narayan; Treasurer Vivek Patil; Secretary Manish Jalan; and Trustees Dr. Bigyan Verma, G. Chandrashekhar, Deena Mehta, Madhu Jayakumar, Gnanshekhar T., Jagdish Ahuja, Ajay Verma, Gunjan Duaa, and Vignesh Eswar.

ATMA is the association of technical analysts in India, formed to spread awareness about the use and application of technical analysis among the public and the investment community in India and to facilitate free and fair exchange of ideas, thoughts, intellect, and wisdom in the field for whoever is interested. Membership is open to individuals who are interested in the field of financial technical analysis. Different eligibility conditions and charges apply for membership categories.

The Association holds regular meetings—at least once a month—providing a platform for recognized financial analysts and learners to come together and discuss the new developments in the field, upgrading their own knowledge through exchange of information, materials, and ideas.

STA (United Kingdom)

The summer kicked off with the STA Summer Party and Awards Ceremony, where diploma certificates were presented to newly qualified MSTAs by the STA chairman, Axel Rudolph. For the third consecutive year, the STA had a team running in the JPMorgan Corporate Challenge—London's most popular team road race—raising funds for Cancer Research UK.

In August, as part of the Executive Committee's commitment to ongoing investment in its services, the STA launched the first phase of its new membership system enabling members to view their own personal account page. This holistic system allows members to renew their membership, register for courses and events, and update their member data. Phase two will eventually combine this with the member section of the STA website.

This fall, we have a packed speaker programme, and we recently had our annual dinner September 20, when guests gathered at the National Liberal Club.

On Wednesday, October 11, the CISI accredited Diploma Part 1 course will commence running for 7 x 1 evening a

week classes. This will be followed by the Diploma Part 2 course in mid-January 2018. For those unable to attend the courses in London, the home study course is available to download and can be viewed using PC, Mac, iPad or Android machines. For more information on the courses we offer, please [see the course brochure](#) or contact the STA office at info@sta-uk.org

To keep up to date with the STA and its events, follow us on twitter [@STA_ORG](#) or like our [Facebook](#) page.

Congratulations New MFTA!

MFTA Research Paper Title:

Is There Smart Beta in Indicators of Technical Analysis?



Alexander Spreer, MFTA, CFTe, CIIA, CEFA, is the regional group manager of the VTAD in Munich and works for an independent asset manager.

He is specialized in quantitative technical analysis of equity indices, quantitative stock picking, and investment process development. He also uses quantitative methods to analyze economic data. In addition, he works with a small team of people to develop a back-testing and automated trading proprietary software, with the aim of running their own investment strategy based on diversified approaches and new methods of risk and money management.

Education Lounge

Using the Fourth Dimension to Create a Third Spatial Visualization From a Two-Dimensional Image

By Shaun Downey

Having visited thousands of traders of the past decades across the globe and in all asset classes, there are a few consistent themes that emerge.

1. The timing of any trade, as even the best ideas in the world will lose money with the wrong timing.
2. Trade location, because without trades being placed at levels of true points of support or resistance, the trader can get picked off by incorrect stop placement and have no framework for applying the correct volume.
3. Understanding the correct timeframe to use in relationship to trading objectives.
4. Overcoming the conflicts in direction that analyzing different timeframe charts often creates.
5. Missing trades due to not seeing the opportunity.
6. Screen Real Estate—traders don't have enough space to see all the charts they wish to.

This last point struck a chord, especially as the vast majority of traders I visited all used multiple timeframe charts. The reality is that there is a physical limit to how many instruments and timeframes can be monitored at once.

For sure, the use of alerts can help in that area, but in my experience, it's an onerous task that's easily neglected.

My first book, *Trading Time, New Methods in Technical Analysis*, published in 2007, concentrated on what I regarded as a massively neglected sphere of analysis and study creation. Surely, if trading is all about time and timing, then having an understanding of price in relation to time was essential. Check out any software programme, and there can be hundreds of different ways of measuring momentum, but a mere fraction of that number on price and time. This led to the release of 20 new indicators and concepts that have remained unchanged since their emergence into the public domain.

What has changed dramatically since that point is how I have revisualised those concepts so that now traders can see up to 10 timeframes of analysis in just one picture. This means for strategic traders, the use of a daily chart and for day traders, whatever intraday timeframe is preferred. The problem of Screen Real Estate is solved, and opportunities are no longer missed.

For the purposes of this article, I am going to concentrate on the strategic trader, but the principles and concepts are identical to intraday charts and apply to any market and any asset class. Users of what is called the Fourth Dimension are across the globe.

The definition is as follows: **Using the Fourth Dimension to Create a Third Spatial Visualization From a Two-Dimensional Image.**

The first building block is the creation of true support and resistance. Think of this as the foundation of a house. How many times does a piece of analysis refer to some previous high or low as a support or resistance, without any quantification or calculation about how relevant that high or low actually is? The reality is that some previous highs or lows have far more relevance on the chart you are viewing, but a higher timeframe may also have some relevant highs or lows that are not visualised unless you look at that chart. Those higher timeframe qualified highs or lows also have more power.



Education Lounge

The studies of Peak Expansion and Peak Energy measure the relationship to range and volume on any swing or fractal point and compare that to an average of those values over the previous 1,000 bars. Only if they breach a threshold of what that average is by a certain percentage will that swing pattern of fractal be deemed important. It should also be referencing higher timeframes than the one being viewed, so for a daily chart, it is weekly and monthly levels.

Figure 1 shows a daily continuation of the Bund. The black lines represent weekly swing levels and the blue lines monthly ones. There are a variety of patterns and relationships that can be utilised, but two of the most potent are the combination of weekly and monthly levels shifting to indicate major tops or bottoms and the time that has elapsed since the last occurrence of a support or resistance line changing in value. The chart shows three pieces of data highlighted. The first is when the weekly resistance moves to the top of the trend. The second is when the monthly line does likewise. That line had not changed in value in over a year. The longer a line has not changed in value and then does, the greater the importance of that shift. Subsequent to those weekly and monthly levels indicating a major top to be in place, price returns to those points before reversing back down sharply. The final circle is on the current bar and shows that weekly support has shifted higher from 151.41 to the recent low. This level represents major but final support.

Figure 1

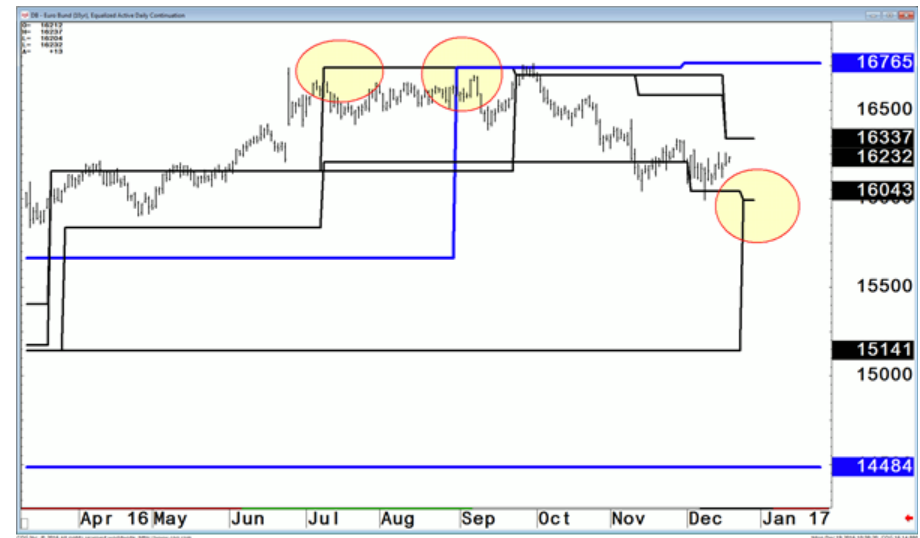
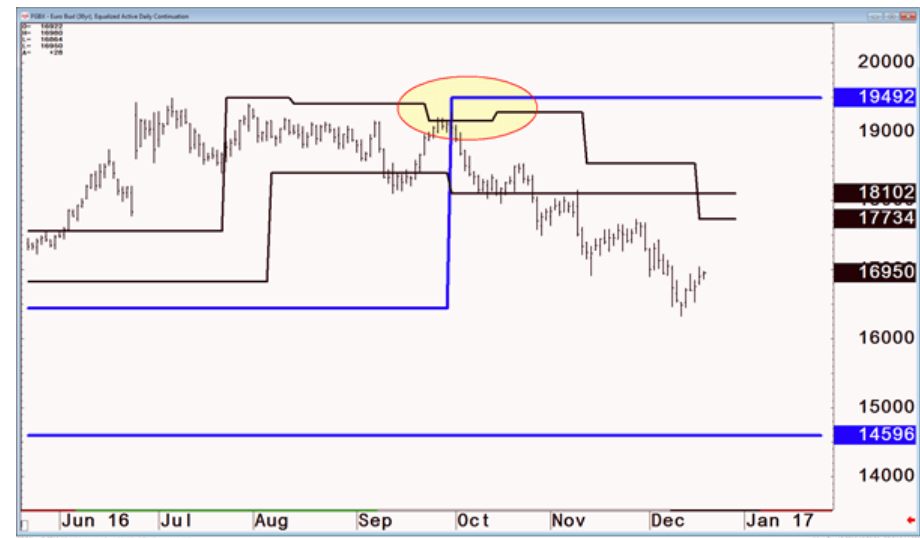


Figure 2 shows how the Buxl (like the Bund but the name of the futures contract for Euro 30YR) moved its monthly resistance in October, which coincided with the Bund high. The same happened in T Bonds and the Ultra Bond, while 10-year notes also failed at a monthly level on the same day.

Figure 2



Chapter 3 of *Trading Time* concentrated on the Stepping process of trends and how they had to consistently move up through timeframes to keep the trend intact. This was done by referencing the price when a study such as the Stochastic crossed up or down. This was visualised in a somewhat primitive manner by only showing one timeframe at a time. The premise was that if the Stochastic crossed up from a higher price value than the previous time it crossed up, then the uptrend was intact. The trending timeframe is indicated once that stepping process reaches 4. No trend can last within its own timeframe forever, so the extensions of trends need to move up timeframes with positive crossovers to indicate that the trend was extending and maturing. The major

Education Lounge

development of this theory came in two parts and is highlighted in Figure 3. Again, it is the daily Bund chart that has a multi-coloured histogram beneath it. This represents the stepping process of the 60-, 120-, 240- and 420-minute chart. Each time a timeframe steps high, the histogram goes up by one and visualises the performance of each timeframe in one picture. On the chart itself, there is a diamond that is highlighted. There are two others as well, and they compute when a timeframe has gone above the critical stepping limit of 6 and then reset to zero. This means that the trend in that timeframe has exhausted itself, which is the 120 minute. The exhaustion of a lower timeframe stepping process that is at support or resistance indicates that the trend is either over or must have a period of reflection. The higher the timeframe resistance, the higher the likelihood that the trend has ended as occurred here, with the stepping process ending at the monthly resistance point.

While the cessation of stepping process is useful when at support or resistance, the reality is that this confluence of events is not always going to occur. Therefore, a further layering of code and patterns is required to increase both the frequency and opportunities that can be exploited. The first is in the area of divergence. Divergence is easily visualised and in fact, nearly all trends diverge, but it is the ability to quantify what divergences are relevant that is critical. Without this, premature exits to good trend following trades will occur, or worse, countertrend signals will appear that give false indications that the trend is changing. Those familiar with my work will know I have spent decades on this topic creating a variety of patterns, with the concepts and theories associated with it dealt with in detail in Chapter 4 of the book. While those concepts are powerful in their own right, it is the connection between those patterns and support and resistance itself that hold the key.

The Bund chart (Figure 4) shows the first pattern I ever created—called UFO—which is highlighted by the blue arrow. This represents two separate patterns that quantify divergence in its traditional sense but more importantly, also possess the properties to highlight what I refer to as divergence as a continuation pattern. It is RSI based and simply states that to be true, price must be making a nine-bar high and the RSI a three-bar low. There is no value placed on the RSI, which is why it can also produce a continuation pattern. As a traditional divergence signal, if they are appearing randomly, it is simply a warning sign, but if it appears at resistance then it indicates a potential reversal in trend. The chart shows two such signals. The first occurs at weekly resistance and simply creates a period of sideways reflection. The second appears at what is the more powerful zone of weekly and monthly resistance and confirms the top.

Figure 3

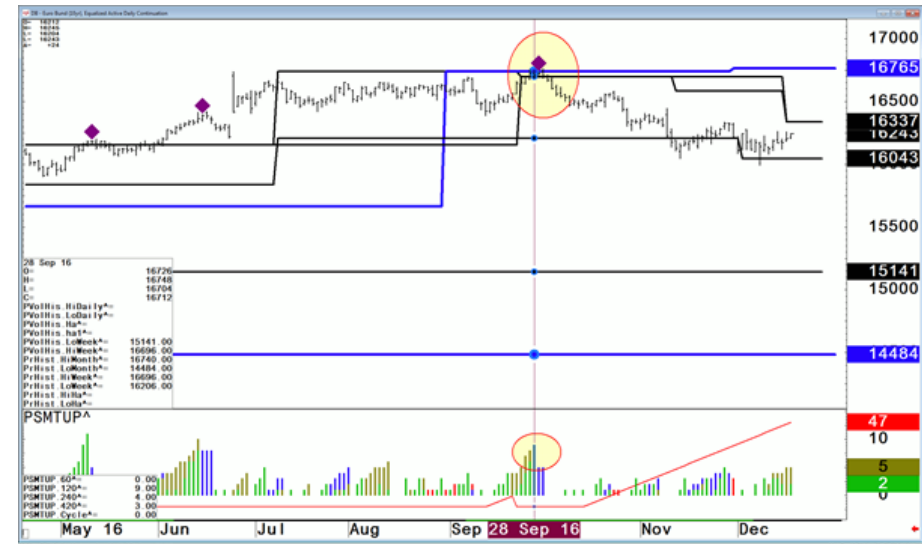


Figure 4



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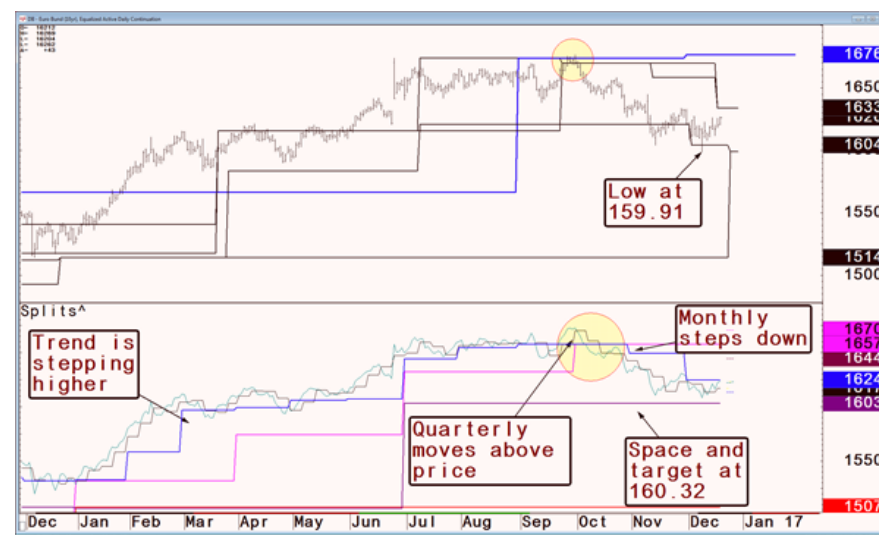
Since the publication of *Trading Time*, the visualisation has advanced, but at that point I had not worked out how to know whether a pattern at a major line would be the instant catalyst for a change in trend or breakout, or what the target would be. The signals had undoubted power, but I was often asked where I expected price to go to. The opposite supports or resistances were obvious magnets, but I had no method for knowing whether there was the space and time for this to occur, or that the timing was indeed optimal for it to happen. This led to the creation of the final study, which is called Splits and is shown in Figure 5.

Splits or Time Area expands on the multiple timeframe concept, but increases the number to include Daily (Green), Weekly (Black), Monthly (Blue), Quarterly (Pink), Semi-Annual (Brown), and Yearly (Red).

The first two simply track momentum, but it is the relationship between the monthlies and higher in terms of their stepping process and its relationship to current price that holds the key.

I have condensed the chart to show more of that stepping process. The rally through the first part of 2016 sees a period whereby both the monthly (Blue) and Quarterly (Pink) step higher, which indicates that the uptrend remains intact. However, the critical timing point arrives as highlighted in October, when the quarterly jumps to be above the current price. This jump allows for space to develop underneath, as suddenly, the nearest support is the semiannual value and now the target of the new trend at 160.32. It is this shift or flip in dynamics of time and price that creates the switching from support and uptrends to resistance, reversals and downtrends. The process of the patterns mentioned earlier in combination with the weekly and monthly support and resistance levels are what create the setup, but it is the stepping process shifts that create the ultimate timing point and subsequent target.

Figure 5



About the Author

Shaun Downey



Shaun Downey, grandfathered member of the STA and winner of the Technical Analysis Book of the Year 2014, *Mapping Your Voyage of Discovery*, returns to his first book, published in 2007, *Trading Time: New Methods in Technical Analysis*, and gives his first public update on that body of work and explains how those studies and codings have developed into what today is called the Fourth Dimension. It includes multiple timeframe analysis from a single picture and highlights his work on Divergence, Time Based Momentum, Step Theory, and Fractal Qualification, as shown on Cqg, eSignal, and the Technician platforms.

Shaun is a veteran of the markets—trading, commenting, and mentoring on all asset classes since 1979 to the professional market via his *Fourth Dimension by Trading Time*.

Stops Versus Call Options: Using Volume at Price to Illustrate the Point

Paul McLaren, CFTe, DipTA

I have had the privilege of presenting the Volume at Price (VAP) indicator to a number of audiences over the last 18 months. In this article, I will demonstrate how I use it to trade options, as well as look at Long Calls as an alternative to going Long Underlying (Shares) with a stop loss.

The problem with stop losses

This analysis is a follow-up to an article titled “Forget The Stop, You’ve Got Options” (DraKoln). He cites two disadvantages of using stop losses:

- Considerable slippage in a fast moving market
- Being whipsawed in a consolidating market

In this article, I want to explore these two events and consider them from a VAP perspective.

Key points to remember about VAP

As we have seen from the VAP presentations, VAP quickly and easily identifies areas where the stock is likely to provide support and resistance and gap through. VAP is most useful in mean-reversion (range) trading. It tells us *where* to enter, not *when*. We rely on other tools to give us timing signals.

Are long options an alternative to stop losses?

Stop losses are the cornerstone of trade management, yet they are inherently problematic. This is amplified by gaps, which will magnify slippage. Furthermore, once a trader has been kicked out of the trade, where and when do they re-enter?

Options are known to depreciate over time. This is seen as one of their many purported faults. However, the flipside is that they only depreciate over time because they buy the trader time for the trade to move in the right direction. They

could be viewed as having a prevailing, albeit temporary, stop loss, as opposed to the sudden-death stop loss found by trading the underlying stock.

QBE as an example

I am using the Australian stock QBE as an example because it has been range-bound between \$9.50 and \$15.00 for several years and displays several principles quite nicely that I wish to draw on. It also is subject to large, sharp moves in both directions, which makes it potentially a good stock for trading options.

As can be seen in Figure 1, the stock has:

- Risen sharply from \$9.23 to 13.6 (= 47%) from November 2016 to early May, following the Trump election.
- Fallen sharply when a trading update in late June sent it from \$13.48 to \$11.45 (= 15% fall).
- Partially recovered to just shy of \$12.00 at the time of writing (29 June 2017).

It has not provided a clear buy signal on the RSI or MACD.

Using VAP on the same chart, we can identify:

- Low Volume Nodes (LVN) – coinciding with fast moves, gaps, support and resistance.
- High Volume Nodes (HVN) – coinciding with slow moves, consolidation.

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Figure 1: QBE (Daily) – 18 Months, VAP, RSI, MACD



Is an entry point near?

Over the last few days, QBE seems to have found support at the \$11.50 level, so the question becomes “Is an entry point near?”

The first answer is the usual Technical Analysis response: It depends upon your timeframe.

Timeframe and perspective are two sides of the same coin.

At \$11.5, it is exactly halfway between significant support at \$9.5 and \$13.5, so for some, the answer to the question “Is an entry point near?” may be simply “no,” as it is in the middle of a long-term range.

Looking at it from a shorter term perspective, say the last 7–8 months, and considering VAP analysis on the daily chart, we can clearly identify the following characteristics of the price movement, summarised in Table 1.

Table 1: QBE – Nodes, Support and Resistance Levels and Gaps

Stock Price	VAP Nodes	Support and Resistance	Gaps
\$12.50	HVN	Resistance	
\$12.00	LVN	Support *4, now resistance	Gaps
\$11.75	HVN		
\$11.50	LVN	Previous resistance, now support	Gaps
\$11.25	HVN		
\$11.00	LVN		Gaps

The issue has become that the stock has gapped right through the significant HVN around the \$12.5 mark, and also the lesser HVN at the \$11.75 level, passing through two LVN (support levels in the process).

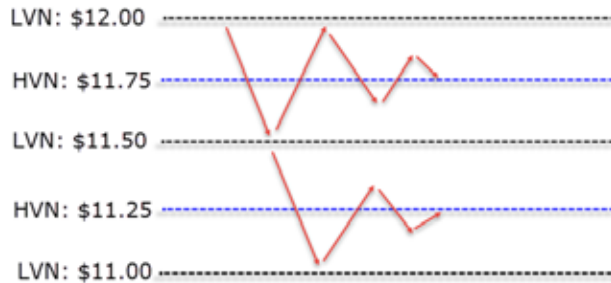
Is there a trade?

Personally, I was looking to enter around the \$11.5 mark.

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The issue is, as we have learned from VAP studies, if it were to fall through that level, it would almost certainly move to \$11.25 (HVN) and even possibly overshoot to near the \$11.00 level, before settling around \$11.25 before the next move. It would continue this behaviour up or down, extending to the LVNs before consolidating around the HVNs, depicted in Figure 2.

Figure 2: QBE – Possible Pathways Using VAP



As it so happened, on the 27th of June, it opened down at around \$11.50 and touched \$11.45 before ending at about \$11.78.

The VAP on a daily basis, depicted in Figure 3, shows how quickly the price reverted, and more importantly, how little volume was traded below \$11.50.

In the following days, it rebounded to almost \$12.00 before settling around the \$11.75 level as this point in time.

Figure 3: QBE (Minute) – 8 Days, VAP



So, coming back to the question, did I get in at around \$11.50 for a nice quick profit? The answer is “no.”

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Why I did not enter by buying the stock?

The reason I like trading options is the versatility it offers, provided they are reasonably priced. If options are cheap (low volatility environment), I can buy the options with the built-in stop loss. But options become expensive as a result of high volatility, which is usually associated with sudden declines. This is because stocks tend to fall faster than they rise. So with the recent sharp falls, the options are too expensive and are not an option!

Alternatively, I could have bought the stock and tried to manage with a stop loss, dealing with the issues I have outlined above.

The issue here was that \$11.5 was a LVN area, which means that it was (equally?) likely to move either to \$11.75 or \$11.25, the next HVN in either direction, or overshoot in those directions. And because the trend was down, between \$11.25 and \$11.00 were likely targets. As you can see in Figure 2, the price tends to move below the HVN toward the next LVN, before settling around the HVN.

This means that if I had entered the trade at \$11.50, my stop would have needed to be around the \$11.15. More importantly, if I was stopped out, where would I get back in? If I did get stopped out at \$11.15, and it did not breach \$11.00, it would be consolidating around the \$11.25 level.

If I tried to re-enter at the \$11.50 level, I might just be repeating history. And I would be effectively buying at \$11.50, selling at \$11.15, and buying back at \$11.50, with the chance I would be selling again at \$11.15.

If I tried to re-enter at around the \$11.25 level, with a lower stop loss, I have effectively extended my stop loss on the original trade. And if I tried to enter at \$11.00 with a lower stop loss I am just chasing the market down. To avoid this, I prefer using options when the price is right.

Coming back to the two issues:

1. Gaps – A second market shock, following the trading update, which may be released after the market closes, could really hurt my open position, with losses far exceeding what I had anticipated. It would gap right through the LVN, and now we are looking around the \$10.75 level for consolidation.
2. Whipsawing – If the stock bounced around the \$11.40–\$11.20 level and I continued to try and enter, there is a good chance that I would be continually kicked out, and my losses again could magnify.

The beauty of options is perfectly illustrated in this scenario, as I would only be exposed to a single loss (the initial premium), yet I would also be exposed to the eventual(?) upside, provided it occurred prior to the options expiration date. For that benefit, I would be happy to wear the time decay.

Why I did not enter using a Long Call strategy?

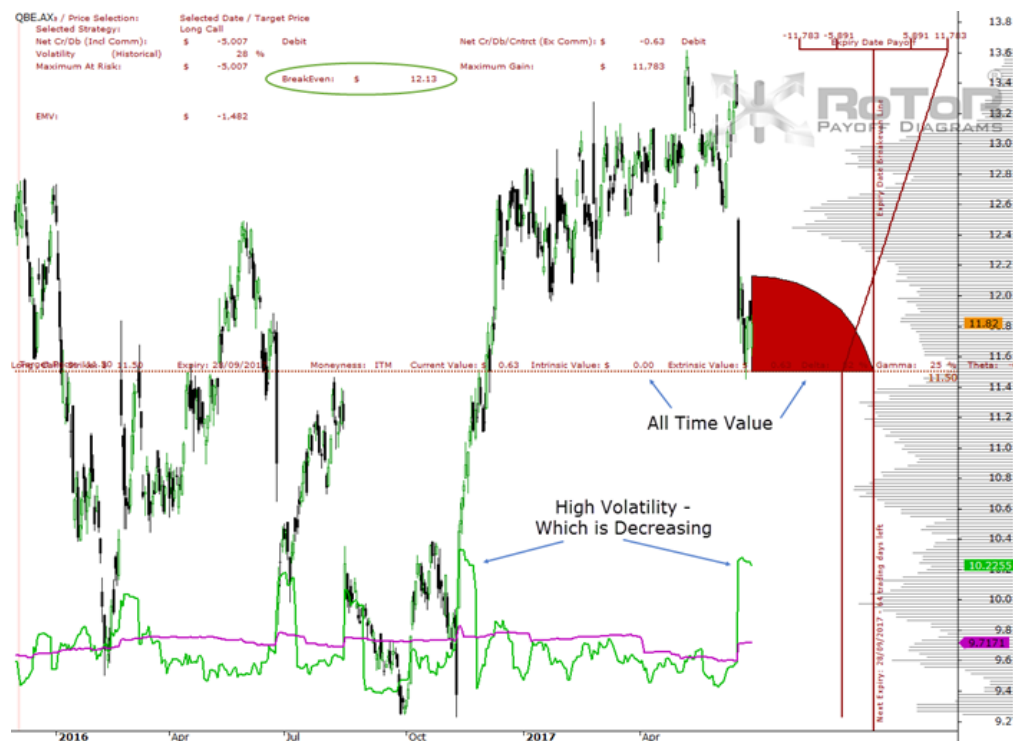
Clearly, my preferred tactic in this scenario is to use a Long Call strategy, with that built-in stop loss that is semi-durable.

But I did not enter using long calls for three reasons, illustrated in Figure 4.

1. On the 27th of June, volatility was high and decreasing, making not only long options expensive, but significantly the premium would be likely to decrease in value from both time decay (theta) and falling volatility (Vega). This is seen as the spike in the Long Term Volatility (Green Line) versus the Short Term Volatility (Purple Line).
2. In addition, the premium was all extrinsic (time) value. My strike could be deeper in the money, but then I start to commit more to the trade.
3. The breakeven for the \$11.50 28th September options, which theoretically were priced at 63c, was about \$12.13 including brokerage. With such an expensive premium, big moves are required just to break even.

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Figure 4: QBE (Daily) – 8 Months, RoToR Payoff Diagram®, Volatility, VAP



So what am I looking for to enter the trade?

To match my criteria for the trade I need:

- Right Position – I would like to see QBE test \$11.50 support (LVN) again. If I were trading the long stock, I would be faced with exactly the same problems as before in terms of trying to manage the stop loss.
- Right Premium – The second time the price nears the \$11.50 level, the volatility should be significantly lower, making the premium value much more affordable and much less prone to falling volatility, with volatility falling from around 28% to near 20%, if the share price decline was gradual.

This means that my QBE 28/9/17 \$11.5 calls should be priced around 43c, adjusted for time decay.

- Right Time – I would now be looking to other TA indicators to provide a buy signal around that level.

So I would like to enter at around 43c, which would be about the premium price, should the underlying price settle around \$11.5 and the volatility decline significantly. By waiting for this volatility decline, I would be risking around \$1,500 less in premium $(63c - 43c) * 79 \text{ contracts} * 100 \text{ shares per contract} = \$1,580$.

Managing the trade after entry

Without getting too far ahead of myself, if the share price falls to \$11.15 soon after the entry at 43c, the options would be worth around 25c, should this happen within the first week or so, as shown in Table 2. I have used this example to illustrate the scenario of timing it wrong, and the stock continues its rapid descent.

Table 2: QBE Options Trade – Trade Calculations Based on Fall to \$11.15 on 3rd of July

Interpretation										
Stock Symbol:	QBEAX	Target Price \$11.150 on the:	3/07/2017	Expiry Date:	28/09/2017	87 days to expiry (from Selected Date) including 24 non trading days				
Dividend Method:	Continuous	Dividend Yield:	6.0%	Ex_Dividend_Date:	28/03/2017	Dividend:	\$ 0.00	Interest Rate:		6.0%
Volatility Method:	Implied	Historic Volatility:	28.0%	Implied Volatility:	18.5%					
Leg:	Contracts \ @	Strike	Premium Pd (-)/ Rcv'd (+)	Target Price Profit/Loss	Target Price Option Value	Total Delta	Total Gamma	Total Theta	Total Vega	
Long Call 1 (C1):	79	\$ 11.50	\$ -0.43	\$ -1437	\$ 0.253	\$ 2992	\$ 2959	\$ -17.09	\$ 162.24	
Total Premium Pd (-)/ Received (+):			\$ -0.43 Debit	\$ -1437	Delta \$ 2992		Gamma \$ 2959	Theta \$ -17.09	Vega \$ 162.24	
Excl Commission										

The calculations can be done several ways to illustrate the point but would be something like this.

If I decide that I am willing to risk about \$3.5 K, (\$3,475), I can determine how many shares and how many options contracts that equates to. Importantly, while the maximum at risk for the options trade is -\$3,475, this only occurs at expiration if the price is below \$11.50. Should the share price decline fairly quickly (in the first week or so) to around the \$11.15 level, the actual loss is only in the order of -\$1,400, as shown in Table 3.

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Table 3: QBE Options Trade – Long Stock Versus Long Calls

	Shares	Options	
No Of Contracts		79.2	N.B. Not rounded for illustration purposes
Shares Per Contract		100	
No of Shares (Equivalent)	10129	7919	
Total Delta	100%	\$ 10,129	51% \$4,038
Strike Price		\$11.50	
Entry Price	\$ 11.50	\$ 0.43	
Opening Brokerage	\$ 35	\$ 35	
Total Outlay	\$116,514	\$3,475	
Closing Brokerage	\$ 35	\$ 35	
Closing Out Position (Stop Loss Level \$11.15)	\$ 11.15		
Option Premium At Stop Loss (After 5 Days)		\$ 0.25	= Original Premium - (Δ * Price Movement)
Total Loss At Stop Loss if Close Out Position	-\$ 3,475	-\$1,448	
Absolute Maximum At Risk	-\$116,514	-\$3,475	

Crucially, at this point I am still in the trade. I have time for the trade to work and time to rethink my position.

It is worth remembering that the premium paid on the option is the maximum we can lose; it does not mean that it is the maximum that we have to lose. I could at this point close out my options trade.

Significantly, the share price would need to fall to below \$10 for the entire premium to be lost soon after the trade entry, as shown in Table 4.

Table 4: QBE Options Trade – Trade Calculations Based on Falls Below \$10 on 3rd of July

Leg:	Contracts \ Shares	Strike	Premium Pd (-)/ Rcv'd (+)	Target Price Profit/Loss	Target Price Option Value	Total Delta	Total Gamma	Total Theta	Total Vega
Long Call 1 (C1):	79	\$ 11.50	\$ -0.43	\$ -3369	\$ 0.009	\$ 220	\$ 580	\$ -2.55	\$ 23.78
Total Premium Pd (-)/ Received (+): \$ -0.43 Debit Excl Commission				\$ -3369		Delta \$ 220	Gamma \$ 580	Theta \$ -2.55	Vega \$ 23.78

One further point, because the delta is about half at entry (Strike Price = Underlying Price ≡ At the Money), it means that all else being equal, the trader is going to experience fewer gains and losses versus holding the underlying.

However, this potential benefit is lost if the trader decides to double down. The analogy is thinking you can drink twice as much diet soft drink because it contains only half the calories. Options have the unique ability of either reducing or increasing risk depending on how they are used.

In summary

Coming back to the original issues with stop losses:

- Considerable *slippage* in a fast moving market
- Being *whipsawed* in a consolidating market

Many novice traders are kicked out of trades because their stop losses are too tight and, while licking their wounds, they watch to see the trade head in their anticipated direction. Options should be considered in this case.

Options lose value over time because they buy you time for your trade to head in the right direction, rather than the sudden death that is the nature of stops on shares.

Options can be used in place of buying the underlying shares, but the conditions have to be right, not only from a technical analysis perspective, but also in terms of the premium price.

The novice will try and enter the options trade on the first dip. More experienced (patient) options traders will wait for a re-test of this level when the volatility has declined. This is in addition to a timing signal being present.

Postscript: September update

This article was first written at the end of June 2017. We have the opportunity to see how the situation now fares. Remembering that I did not enter the trade, as there was no a clear buying signal, and with volatility so high, the premium was too expensive. And despite a quick bounce to \$12.35, the decline still appeared to have further to go.

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Figure 5: QBE (Daily) – 20 Months, RoToR Payoff Diagram®, Volatility, VAP, MACD and RSI



On the 17th of August, QBE announce its half yearly results. Despite having forewarned the market in June, the stock fell from \$11.99 to \$11.06 (-7.5%) on the day. The following day, it gapped through \$11.00 LVN, and over the next few weeks fell to \$9.94 (-17%). From a VAP perspective, it passed straight through HVNs \$11.25 and \$11.75, and is now consolidating around the \$10.25 HVN area, as shown in Figure 5.

But now the situation has changed and is far more favourable. With lower volatility comes a lower option premium, which is desirable for purchasing options. The MACD and the RSI have both provided buy signals, and the messy descending triangular pattern in the middle is complete.

I would now consider entering the trade, looking to enter by buying Mar 18 calls (coinciding with the Annual Results announcement), should the price fall gently to around \$10.20. I then have a choice of a \$10.50 strike for around 69c or a \$10 strike for around 90c.

Instead of an outright call purchase (Long Call), I could sell a near dated call option as well, which would temporarily turn the trade into a Long Call Calendar Spread, still maintaining my limited risk requirement. This would take some of the pain out of the time decay. I could then lift this leg at some stage in the future, to end up with a pure Long Call strategy.

About the Author

Paul McLaren, CFTe, DipTA



Paul McLaren, CFTe, DipTA, is the managing director of Enhance Your Options Pty Ltd, which specialises in the training and education of options trading. With over 25 years in education and training, combined with 20 years of experience in investing and trading, Paul has developed a number of proprietary trading tools that allow traders to understand the intricacies of options quicker and at a greater depth.

This is designed as education article to illustrate the concepts, trading criteria and thought processes that are utilised in determining whether to take a trade or not. By the time this goes to print, the circumstances are likely to be very different. This is not intended as a trade recommendation. Individuals are encouraged to consult their financial advisor to help determine if options are suitable for them.

Acknowledgements and References

All charts used are courtesy of Amibroker software.

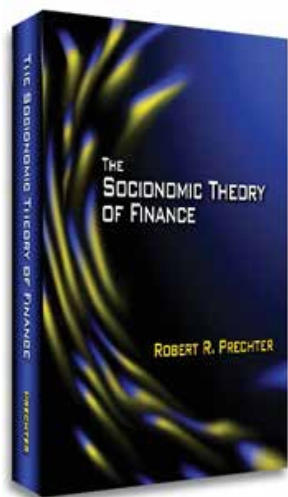
The RoToR Payoff Diagram® is owned exclusively by Enhance Your Options Pty Ltd.

DraKoln, N. (n.d.). *Forget The Stop, You've Got Options*. Retrieved July 30, 2017, from Investopedia: <http://www.investopedia.com/articles/optioninvestor/08/options-stops.asp>

Book Review

The Socionomic Theory of Finance

By Robert R. Prechter



Robert Prechter has produced a magnum opus explaining his new theory of Finance. He had been developing it from his early days, even before working on Wall Street. Taking an interest in the trends of pop music, there seemed to be fluctuation in moods that were correlated with the stock market as reported in the media. Being an avid student of mass psychology inspired a “eureka!” moment.

On joining Bob Farrell’s team at Merrill Lynch, Mr. Prechter learned a lot about how markets actually moved. A deeper study of the rules of technical analysis led

to the realization that markets regularly confounded the predictions of the fundamental approach. It became obvious to him that the news lagged the markets and not the other way around.

The markets were reflecting a change in the public’s mood, like its music, and the state of business was a consequence of that change. In fact, he appreciated that the stock market was probably one of the best possible measures of the public mood. Mr. Prechter had become an expert in the Elliot Wave Theory for market moves and connected the dots to conclude that this fractal shape was the way mood changed. Financial data are reservoirs of social information that can be used to predict crises. Changes in mood matter, and these take place in a fractal pattern.

The book expands and explains the theory in a comprehensive manner. It starts by proving untrue many of the things that most people think they know about markets. Shocks or the action of the Fed always lag the market; they are only rationalized as the cause after the event. Numerous claims are examined, such as “interest rates drive stock prices”, or “rising earnings drive the market”, or

“falling oil prices are bearish for stocks”, or corporate earnings, or jobs data, or GDP drive stock prices.

“Peace is bullish” or “inflation makes gold and silver go up” are also shown to be myths that are simply not true. There is also an entire chapter discussing that Central Bank policy does not control interest rates, it’s the other way around. The book does explain that the new theory is completely counterintuitive, but what most commentators do is ex-post rationalisation. However, it then offers the new theory as in every case fitting the observed facts better than the old myths.

“I think that socionomics is a bold new theory of finance

and will slowly become accepted as a self-evident truth,

displacing the old outdated and wrong theories.

It should be taught in universities.”

The major premise is that how people feel controls how they act. These actions then drive the stock market. The market is the visible result of the unseen driving force. It

Reviewed by Robin Griffiths

is true that art, or music, or real estate, or clothes fashion, all, to some extent, reflect the social mood, but the stock market is as good as any and possibly the best reflection of all.

There are many rival theories—from the Efficient Market Hypothesis to Utility and Value Theory, and Capital Asset Pricing to Business Cycle Theory, as well as Andrew Lo’s Adaptive Market Theory—but in every case, the Socionomic Model fits the facts better because it places the driving force in the social mood and not exogenous factors.

In complex human systems, shared unconscious impulses to herd in contexts of uncertainty lead to mass psychological dynamics, manifested as social mood trends. These conform to a hierarchical fractal called the Wave Principal and therefore are probabilistically predictable. These trends in mood shape and cause social actions.

There is a section of the book that I like very much because it allows us to visualise a model of how this will work in practice. You imagine that you are a lookout on an oil rig in the Gulf of Mexico. You think you see some people standing on

Book Review *continued*

the water, and near them there is a barge. Both these seem to be wandering at random all over the ocean. You have to try to work out what is happening. Careful observation leads to an old theory that the barge has an engine and is pushing itself along, but it drifts from side to side of its main direction because of the tide coming in and out. The mysterious people seem to be perfectly intuitive and anticipate the barge's movements.

Of course, the barge represents the economy, and the people are the stock market, and they lead because they are intuitive. The socio-economic explanation is better. The people are standing on a submarine. It is the sub that is the mood and the engine that is pulling the barge economy behind it with a rope. The whole thing drifts forward and back in the tide. There are pictures in the book to illustrate this, which I think work very well. See the picture and you get it. I think that socio-economics is a bold new theory of finance and will slowly become accepted as a self-evident truth, displacing the old outdated and wrong theories. It should be taught in universities.



Robin Griffiths is head of Multi-Asset Research & Advisory at the ECU Group, a global macro investment firm. A veteran technician with 50 years of experience, Robin has worked at many leading financial institutions, including Cazenove, Rathebones, HSBC Bank, and WI Carr. Robin is also a co-founder and former president of IFTA and chairman of the STA.

The Socioeconomic Theory of Finance by Robert R. Prechter

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Aberdeen Global - Frontier Markets Bond Fund

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2017 IFTA Board of Directors Nominees (Term October 2017–October 2020)

Nominations were received for two open positions on the IFTA board of directors. Elections will be held at the Annual General Meeting (AGM) on Thursday, October 12, 2017, from 16:30 to 17:30 (4:30 pm–5:30 pm) at the Excelsior Hotel Gallia, Milan, Italy.

If you would like to contact any of the candidates, please email the IFTA staff at admin@ifta.org, and we will be glad to facilitate your communication.

Fowzy Alkoblan, CFTe, DipTA

Nominated by: ATAA (Australia)

Current Board Member: No



Fowzy Alkoblan worked as a civil engineer at Saline Water Conversion Corporation—a company that converts sea water into potable water in Saudi Arabia—from 1984 until 2012.

His journey with technical analysis started in August 2004 when he took a course on the basic principles of technical analysis. After that, Fowzy continued reading the well-known technical analysis books and built his own Wall Street knowledge. In 2012, he was awarded the diploma of the Australian Society (DIPL. TA ATAA), which is equivalent to the CFTe, the well-known certificate of IFTA.

From September 2004 until January 2012, Fowzy managed portfolios that are invested on the Saudi stock market. Since 2012, he has worked as an independent full-time trader.

Olumide Soyele, FCA

Nominated by: TASN (Nigeria)

Current Board Member: No



Soyele Olumide is the group CFO of Secure Electronic Technology Plc. He is an ardent finance professional who is well versed in tax laws, commercial laws, company law, accounting and auditing standards, management consultancy, information system audit, information system consulting, mergers and acquisitions, risk management, and project management and providing advisory services to the wide spectrum of clientele of the firm.

Olumide is the president of Technical Analyst Society of Nigeria and has presided over the activities of technical analysts in Nigeria for the past six years, moving the society from being an affiliate society to a member society. He was enrolled as a member of the Institute of Chartered Accountants of Nigeria in 2004 and has several years of experience in almost every facet of accounting, auditing,

and consulting. He is a qualified Financial Analyst Designate—Chartered Market Analyst holding the FAD-CMA, awarded by the American Academy of Financial Management.

Olumide possesses an MBA from the University of Leicester in United Kingdom and is currently pursuing a doctorate degree from the University of Liverpool UK.

Tamer Gamal, CFTe, CETA

Nominated by: ESTA (Egypt)

Current Board Member: No

Tamer Gamal is currently the head of Arab African International Securities (AAIS) Technical Analysis Research, a subsidiary of Arab African Bank (AAIB). In this capacity, he educates institutional and individual clients on the merits of technical analysis and why AAIS utilizes a technical rules-based model to oversee clients' requirements.

With a background in engineering, Tamer joined the financial markets industry in 1998 through equity/currency trading and private portfolio management. He joined the AAIS team in 2007. In 2011

Board of Directors Nominations *continued*

Tamer was elected chairman of board of the Egyptian Society of Technical analysts (ESTA), following three years as an ESTA board member. In 2008, he was awarded the Bronwen Wood Memorial Award by the International Federation of Technical Analysts (IFTA).

Tamer is a regular contributor to many local journals and TV shows. He is often interviewed in *Bloomberg*, *Reuters*, and *Business Monthly* (American Chamber of Commerce) and conducts live sessions.

Ir. Abdul Wahid Bin Jantan, CPEng

Nominated by: MATA (Malaysia)

Current Board Member: No



Abdul Wahid Bin Jantan is principal consultant of AWJ Consulting and president and CEO of Pegasus Resources Sdn Bhd. He began his career as a petroleum refinery

engineer with CONOCO Oil Refinery in Humberside, England. He later joined Merrill Lynch & Co as a trader in energy, commodities, currencies, and financial futures. Following this, he joined Telerate AP–Dow Jones and then went on to work for REUTERS Ltd in its business, financial information, and IT sectors. He was the

managing director of Asia-Pacific Petroleum Refining Corp Ltd (APRC) and was appointed as consultant and head of corporate and institutional financing of Bank Islam Malaysia.

Abdul has conducted research and created a leading method determining probable time of occurrence on market activity called “Wahid TO” and the complex financial forecast modeling for longer term views—AWJ Elliott Wave method, both of which are used by fund managers, Forex dealers, corporate treasurers, analysts, and oil traders.

Abdul graduated with a B.Sc. in chemical engineering and holds an MBA CPEng. He is an honorary fellow of the Malaysian Association of Technical Analysts.



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AUSTRALIA—ATAA Australian Technical Analysts Association www.ataa.asn.au
CANADA—CSTA Canadian Society of Technical Analysts www.csta.org
EGYPT—ESTA Egyptian Society of Technical Analysts www.estaegypt.org
FRANCE—AFATE Association Française des Analystes Techniques www.afate.com
GERMANY—VTAD Vereinigung der Technischer Analysten Deutschlands e.V. www.vtad.de
GHANA—BSG* Bastiat Society Ghana <https://bastiatghana.org>
HONG KONG—FTAA Financial Technical Analysts Association www.ftaa.org.hk
INDIA—ATA Association of Technical Analysts www.ataindia.in
INDIA—ATMA* Association of Technical Market Analysts www.atma.ac
INDONESIA—AATI Asosiasi Analisis Teknikal Indonesia
ITALY—SIAT Società Italiana di Analisi Tecnica www.siat.org
JAPAN—NTAA Nippon Technical Analysts Association www.ntaa.org.jp
LEBANON—LSTA Lebanese Society of Technical Analysts www.lstalebanon.com
MALAYSIA—MATA Malaysia Malaysian Association of Technical Analysts www.malaysianchartist.com
NEW ZEALAND—STANZ Society of Technical Analysts of New Zealand www.stanz.co.nz
NIGERIA—TASN Technical Analysts Society, Nigeria www.tasnigeria.org
ROMANIA—AATROM Asociația Analistilor Tehnici din România www.aatrom.org
SCANDINAVIA—STAF Skandinavien Tekniska Analytikere Förening www.staf.nu
SINGAPORE—TASS Technical Analysts Society (Singapore) www.tass.org.sg
SOUTH AFRICA—TASSA Technical Analysts Society of Southern Africa www.tassa.org.za
SPAIN—IEATEC Instituto Español de Analistas Técnicos y Cuantitativos www.ieatec.es
SWITZERLAND—SAMT Swiss Association of Market Technicians www.samt-org.ch
UNITED KINGDOM—STA Society of Technical Analysts Ltd. www.sta-uk.org
USA—TSAASF Technical Securities Analysts Association www.tsaasf.org
USA—AAPTA American Association of Professional Technical Analysts www.aapta.com

* Developing

IFTA Update Schedule

The *IFTA Update* is the quarterly electronic newsletter of the International Federation of Technical Analysts, reaching more than 7,000+ IFTA colleagues worldwide. The *Update* is an efficient and cost-effective way to communicate with IFTA's member societies and colleagues.

PUBLICATION SCHEDULE

December Issue.....Education articles: November 15.....All other content: December 1
 March Issue.....Education articles: February 15.....All other content: March 1
 June Issue.....Education articles: May 15.....All other content: June 1
 September Issue.....Education articles: August 15.....All other content: September 1

Send education article submissions to newsletter@ifta.org. Send all other content to admin@ifta.org
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