### Big Picture Commodity, FX Year End Technical Analysis

Darren Chu, CFA

Jan 7, 2020

https://tradablepatterns.com



#### DISCLOSURES

□This material is provided for information only and is not an offer to sell or the solicitation of an offer to buy any financial instrument or asset class.

This material does not and is not intended to take into account the particular financial conditions, investment objectives or requirements of individual customers. Before acting on this material, you should consider whether it is suitable for your particular circumstances and, as necessary, seek professional advice.

□ Tradable Patterns is not affiliated with Interactive Brokers LLC, or any other FINRA broker-dealer.

The information provided in this presentation is believed to be accurate, but the accuracy and completeness of the information is not guaranteed.

□ Past performance is not indicative of future results.

BIO Darren Chu, Founder Tradable Patterns



#### **Publish** <u>Tradable Patterns - daily newsletter</u>

- Technical analysis featured on Bloomberg Terminal, Refinitiv Eikon, Factset Terminal, <u>Interactive Brokers' IB</u> <u>Traders Insight</u>, <u>InsideFutures</u>, <u>ZeroHedge</u>, <u>Liquid</u> (Quoine), <u>EXMO</u>
- Newsletter covers CME, ICE equity index, commodity futures markets along with VIX, spot FX and cryptocurrencies (as seen in my <u>Watchlist</u>)
- □Introduce PE/VC/Family Offices to direct investments (Tech, Medtech, Healthcare, Education, F&B, Property)

Previously served as IntercontinentalExchange | NYSE Liffe's country manager for Australia, India, and the UAE between July 2010 and January 2014, expanding role to look after Liffe business development in APAC ex-Japan/Korea until his departure mid April 2014 BIO Darren Chu, Founder Tradable Patterns Marketed Canadian futures and options for <u>TMX</u> <u>Group | Montreal Exchange</u> for 4 years, across North America, London, Singapore and Hong Kong

Developed and presented <u>CMC Markets Canada</u>'s educational offering, and headed up Chinese marketing and sales team

■Wrote course content for 3 derivatives courses offered by <u>Canadian Securities Institute</u>



#### Presentation Outline

Technical Analysis of AgrisSoybean, Wheat, Corn

Technical Analysis of Indices
S&P500, Nasdaq100, VIX

Technical Analysis of Metals/Energy
WTI Crude, Natural Gas, Gold, Silver

Technical Analysis of FX
 USDCAD, USDJPY, USDCHF, AUDUSD, EURUSD, GBPUSD, AUDJPY, EURJPY, GBPJPY, GBPAUD

Technical Analysis of Softs
Arabica Coffee, Cocoa, Raw Sugar, Cotton

## Technical Analysis of Agris

https://tradablepatterns.com



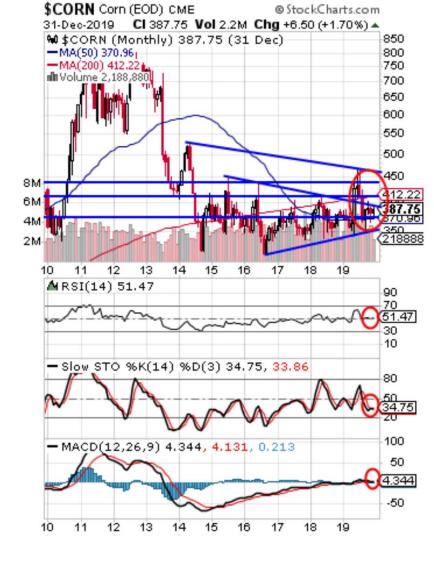
#### Soybean (ZS)



#### Wheat (ZW)



Corn (ZC)





## Technical Analysis of Indices

https://tradablepatterns.com



#### S&P500 (ES)



#### Nasdaq100 (NQ)



VIX (VX)





## Technical Analysis of Metals/Energy

https://tradablepatterns.com



#### WTI Crude (CL)

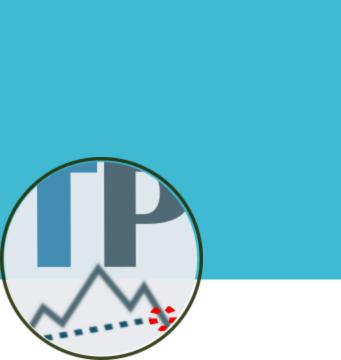


#### Natural Gas (NG)



Gold (GC)





Silver (SI)



# Technical Analysis of FX

https://tradablepatterns.com



USDCAD





**USDJPY** 



USDCHF





AUDUSD



EURUSD



GBPUSD





AUDJPY



EURJPY





**GBPJPY** 



**GBPAUD** 



## Technical Analysis of Softs

https://tradablepatterns.com



#### Arabica Coffee (KC)



Cocoa (CC)



Raw Sugar (SB)



#### Cotton (CT)





Why Tradable Patterns? Most traditional equity/FX/commodity analysts don't have nuanced understanding of technical analysis

□Traditional research/analysis providers offer overly verbose content, with few making use of multiple timeframe analysis

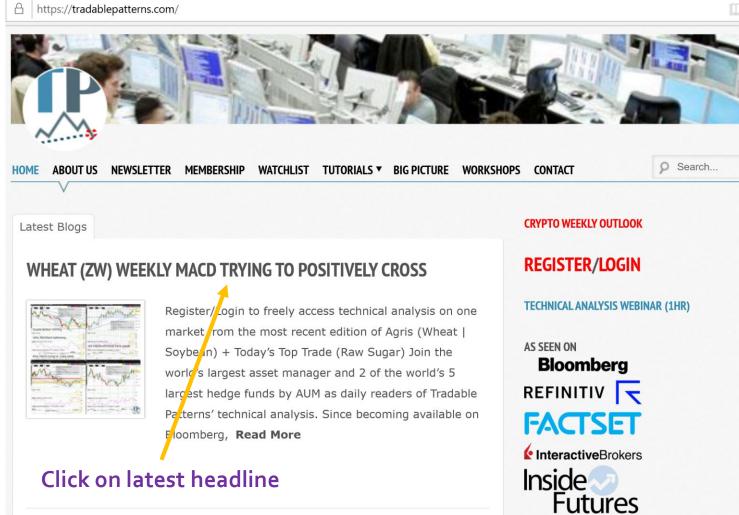
□Tradable Patterns (TP) provides intuitive visual weekly technical analysis content that takes 1-2min to read per market analysis

Long/medium/short-term support/resistance levels more easily seen through charts

TP makes calls on long/medium-term potential trend reversals as they're forming

□TP offers coverage of different asset classes each weekday and Sunday as seen w/ <u>Watchlist</u>

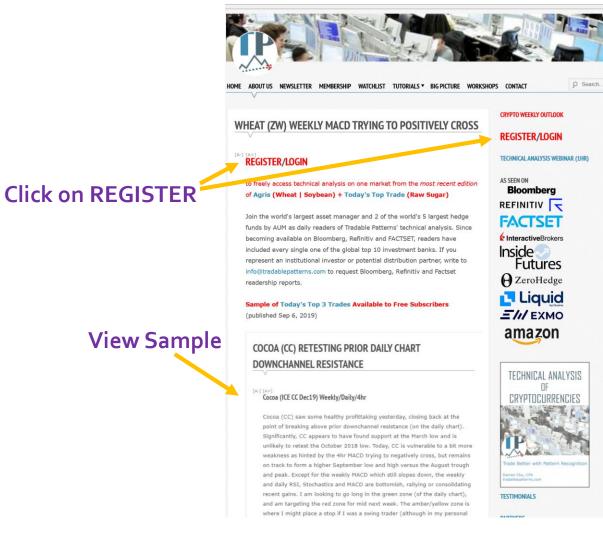
#### Sample Content



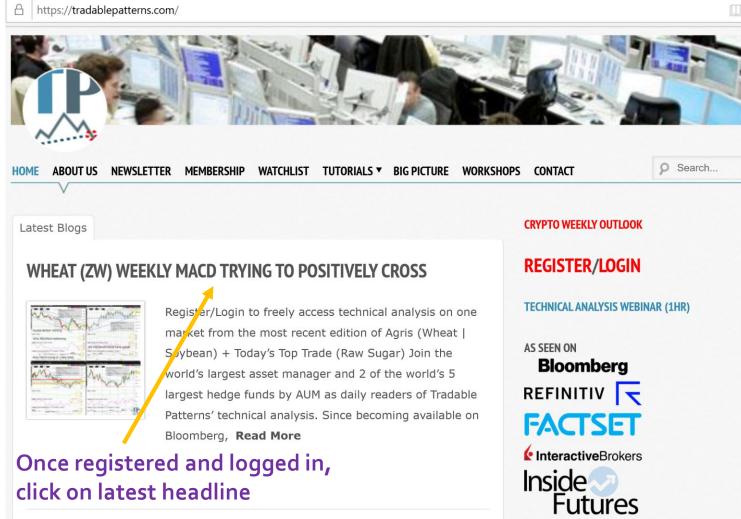
1

## Sample Content





## Sample Content

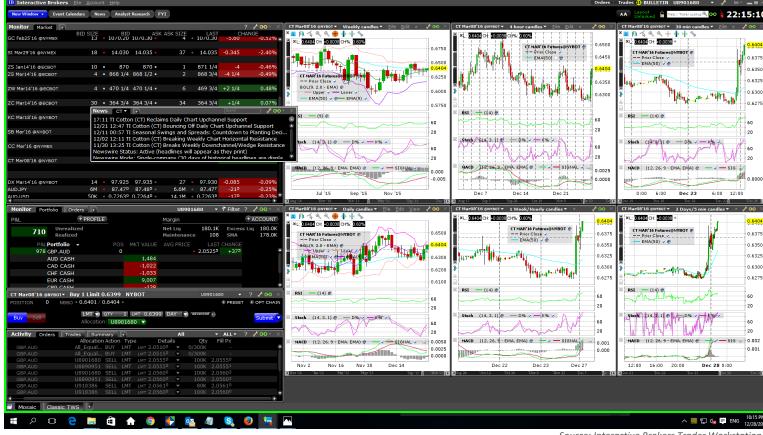




1

Interactive Brokers Trading Platform **Embeds Free** Portion of Newsletter

Interactive Brokers links to technical analysis of 1 out of 3 markets covered in <u>Today's Top 3 Trades</u> viewable from their trading platform (desktop/mobile) within the newsfeed for market symbols whose content I provide



Interactive Brokers Trading Platform **Embeds Free** Portion of Newsletter



| SB Mar'19   | (112000)                  | 2 ¥ © ₩ ?<br>2 <b>•</b> | 99 hi 4           | % 🗈 11:4          | 7           |
|---|---------------------------|-------------------------|-------------------|-------------------|-------------|
| 0.1270 +0.0009<br>ALL ACCOUNTS  | +0.71%                    |                         | 0.1               | 2 <b>69 0.1</b> : | 2 <b>70</b> |
| Market Data   |                           |                         |                   |                   | ^           |
| Open<br>Close<br>Volume Today   | 0.0000<br>0.1261<br>49.2K | IV Last<br>Hist Vol     |                   | 24<br>26.43       | .9%<br>36%  |
| Position  |                           | P&L                     | <mark>89.6</mark> | Long 1            | $\sim$      |
| Ask IBot<br>Get even more info<br>Upcoming divid<br>Corporate earn<br>Economic ever<br>More | dend dates<br>ings        | B Mar'19(112            | 000) fro          | om IBot.          | ^           |

ASK IBOT

#### NEWS

Tradable Patterns - GBPJPY Nearing 6 Month High Ahead of UK CPI Data TI • 11/14 13:00

Tradable Patterns - Wheat Forms 1st Green Weekly Candle in 6 Weeks TI • 11/13 16:51

Tradable Patterns - Soybean (ZS) Reverses Post-WASDE Selloff TI • 11/12 23:48

Tradable Patterns - Cotton (CT) Tests Key .80 Level Post-WASDE TI \* 11/09 12:59

Tradable Patterns - Cotton (CT) Weekly MACD Trying

Interactive Brokers Website Publishes Free Portion of Newsletter

Clicking on any of the TP news headlines from an IBKR trading platform links to Tradable Patterns' <u>IBKR Traders' Insight</u> <u>webpage</u>

□ In October 2019, content ranked 4th most popular (in page views) among 92 third party contributors (e.g. Barron's, Briefing.com)

https://www.tradersinsight.news/category/contributors/tradable-patterns/

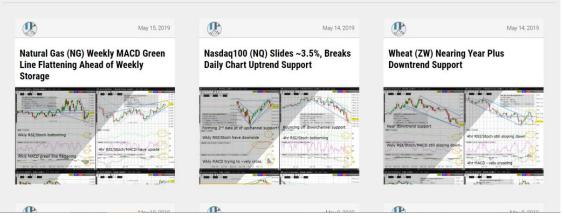
企



STOCKS OPTIONS FUTURES FOREX MORE EDUCATION CONTRI

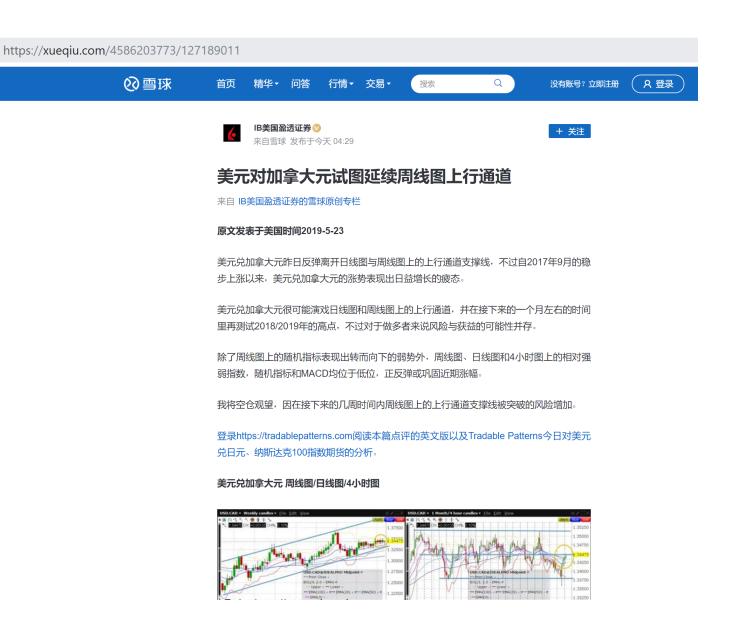
#### TRADABLE PATTERNS

As seen on Bloomberg, Refinitiv (Thomson Reuters), Factset, Interactive Brokers, and Inside Futures, **Tradable Patterns**' Today's Top 3 Trades provides technical analysis on 3 CME/ICE commodity/index futures or spot FX markets (with coverage for 2 markets from a designated asset class(es) for each weekday as seen in the Watchlist), plus the top trade idea for the day from any asset class. All 3 markets covered are selected based on their likelihood to exhibit trend reversal or continuation during the week that begins on the day of coverage, based on technical analysis and news flow. For instance, Monday coverage is on 2 Agris (and potentially 1 Index), while Tuesdays are devoted to 2 Indices (and potentially 1 Soft). Crypto Weekly Outlook offers technical analysis on Bitcoin (BTCUSD), Ethereum (ETHUSD) and Ripple (XRPUSD) and attempts to provide clues as to what might happen in the coming week. For less experienced traders, tutorials and workshops are offered online and throughout Southeast Asia.



Interactive Brokers Translates Content, Posting on Wechat, Snowball, etc

# Wechat, Snowball, et



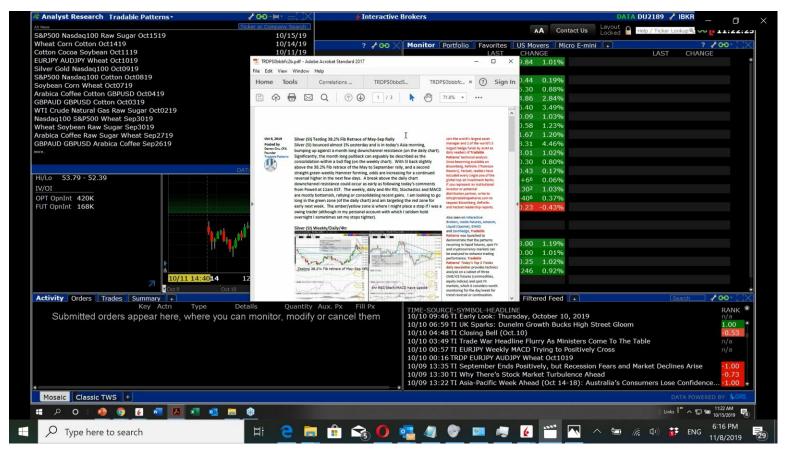
Interactive Brokers Clients Subscribe to Paid Newsletter



| ile <u>A</u> ccount <u>H</u> elp | Analyst Actions                       | DATA DU2189 🖌 IBKR   |
|----------------------------------|---------------------------------------|--|
| New Window 🔻 IBot 🛛 FYI 🧭        | Recent Publications                   | 🗚 Contact Us Ladyout 🎴 Help / Ticker Lookup 🔍 👓 👔 💷 👔  |
| Search                           | Subscribed                            |  |
| -For You                         | Altavista - Hedge Finder              | ortfolio Favorites US Movers Micro E-mini + ? / 00 X   |
| Event Calendar                   | Altavista - ETF Alternatives          | 2995.89 +29.74 1.00%   |
| General Tools                    | Altavista Research                    |  |
| Order Entry                      | Briefing.com General Market Columns   | 236.25 +0.38 0.16%   |
| Portfolio                        | ETF Guide Research                    | - 1751.87 +15.44 0.89%   |
| Watchlist                        | Edison Research                       | - 175.97 +4.81 2.81%   |
| Quote Details                    | Edison Video                          | · 189.55 +6.27 3.42%   |
| Trade Log                        | Estimize Research                     | 8.80 +0.08 0.92%   |
| Alerts                           | EventShares Research                  | 47.68 +0.64 1.36%<br>141.25 +1.70 1.22%  |
| Market Depth (Level II)          | EventVestor - Free                    | 194.92 +8.39 4.50%   |
| BookTrader                       | Hammerstone Reports                   | · 194.92 +0.95 4.30%   |
| Toolbox                          | Insider Insights - Free               | 37.76 +0.29 0.07%  |
| Chart                            | New Constructs Research               | 257.27 +0.31 0.12%   |
|                                  | Recognia Technical Insight            | +400.04%   |
| Order Management                 | Reuters Briefs                        | - 1.2719 <sup>4</sup> +112 <sup>4</sup> 0.89%  |
| Time & Sales                     | Reuters StockReportsPlus              | $-108.81^4 +41^4 0.38\%$   |
| Scanners                         | Reuters Transcripts                   | NYMEX 53.40 -0.19 -0.35%   |
| Forex                            | Slingshot Insights - Free             |  |
| Information System               | Stock Traders Daily - Free            |  |
| Event Calendar                   | Stock Traders Daily - Trading Reports | @GL * 1524.60 +18.00 1.19%   |
| Daily Lineup<br>Calendar Events  | TheStreet Equity Research             | ©GL 2995.00 +29.50 0.99%   |
|                                  | TipRanks Market News                  | @GL 7936.50 +79.00 1.01%   |
| Fundamentals                     | Tradable Patterns                     | @EC 26986 +240 0.90%   |
| News                             | ValuEngine                            |  |
| Analyst Research                 | ValuEngine Chinese                    |  |
| Templates                        | ValuEngine ETF                        | ket Portfolio CL + Filtered Feed + Search 700 · []   |
| Option Tools<br>Option Chain     | Zacks Company Reports - Free          | E-SYMBOL-HEADLINE RANK RANK  |
| OptionTrader                     | Available                             | TI Early Look: Thursday, October 10, 2019 n/a<br>TI UK Sparks: Dunelm Growth Bucks High Street Gloom 1.00  |
| Option Analysis                  | Accern                                | B TI Closing Bell (Oct.10)   |
| Advanced Option Tools            | Alliance News                         | TI Trade War Headline Flurry As Ministers Come To The Table n/a  |
| Other Tools                      | Alliance News - Italian               | 7 TI EURJPY Weekly MACD Trying to Positively Cross n/a   |
| IBot - type to trade             | Argus Research                        | 5 TRDP EURJPY AUDJPY Wheat Oct1019<br>TI September Ends Positively, but Recession Fears and Market Declines Arise  |
| Templates                        | •                                     | 1000 10:05 TI September Ends Positively, but Recession Fears and Market Declines Arise<br>10/09 13:30 TI Why There's Stock Market Turbulence Ahead -0.73 |
| Portfolio Tools                  | • • • • • • • • • • • • • • • • • • • | 10/09 13:22 TI Asia-Pacific Week Ahead (Oct 14-18): Australia's Consumers Lose Confidence  |
| Mosaic Classic TWS +             |                                       | DATA POWERED BY & GRS  |
|                                  | 6 🐖 🗵 🛤 💀                             | Links  * ^ 12 📾 1121AM   |
| P Type here to search            |                                       | 😪 🚺 🤹 🥼 🔮 🔤 🧔 👔 😁 😁 🦽 🕬 🗰 6.14 PM<br>11/8/2019   |

Interactive Brokers Clients Subscribe to Paid Newsletter





Growing Institutional Following on Bloomberg, Refinitiv, Factset

#### >400 hedge funds, banks, asset managers, corporates downloaded TP content on Bloomberg, Refinitiv, Factset Jul19

□ Frequent Hedge Fund readers include:

- Renaissance Technologies (USD 80B AUM)
- Two Sigma (USD 50B AUM)
- Millennium (USD 35B AUM)
- Citadel (USD 30B AUM)
- Stevens Capital Management (USD 5B AUM)

#### □ Frequent Investment Bank readers in Jul19:

- Credit Suisse
- JP Morgan
- Wells Fargo
- Citigroup
- Goldman Sachs

World's largest asset manager (Blackrock)'s quant unit (Scientific Asset Equity would be world's 2<sup>nd</sup> largest hedge fund @ USD 105B AUM if standalone business) has downloaded TP content on Refinitiv everyday since mid Jul19

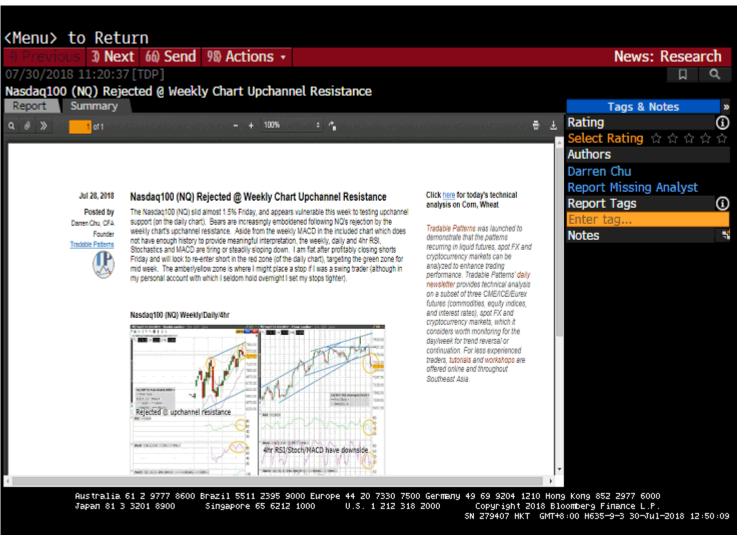
Source: Bloomberg, Refinitiv, Factset monthly readership reports

Growing Institutional Following via Bloomberg Terminal

| All Research  | Actions     | 5 <b>*</b> Ci | ustom Searches      | Advanced             | Settings        | Research    | Portal           | : Search  |
|---|-------------|---------------|---------------------|----------------------|-----------------|-------------|------------------|-----------|
| <narrow by="" companie<="" th=""><th>es, topics,</th><th>brokers, a</th><th>analysts, or keywo</th><th>rds≻</th><th>Brows</th><th>e Lists Sor</th><th>t Time</th><th>Υ.</th></narrow> | es, topics, | brokers, a    | analysts, or keywo  | rds≻                 | Brows           | e Lists Sor | t Time           | Υ.        |
| Hide Filters «  | Tradabl     | e Pa x        |                     |                      |                 |             |                  | 4         |
| Primary   | •           | Ticker        | Headline            |                      | Source          |             | Pg               | Date      |
| Internal  | 1)          |               |                     | Month High Ahead     |                 |             |                  | 11/14/18  |
| Model   | 2)          |               |                     | Green Weekly Candle  |                 |             |                  | 11/13/18  |
|   | 3) 🗌        |               |                     | erses Post-WASDE S   |                 |             |                  | 11/12/18  |
| <ul> <li>Source</li> </ul>  | 4)          |               |                     | Testing 8 Month Do   |                 |             |                  | 11/11/18  |
| Tradable Patter   | 5) 🗌        |               |                     | Key .80 Level Post   |                 |             |                  | 11/09/18  |
|   | 6)          |               |                     | y MACD Trying to P   |                 |             |                  | 11/08/18  |
| <ul> <li>Analyst</li> </ul>   | 7)          |               |                     | lonth Downtrend Re   |                 |             |                  | 11/07/18  |
| Darren Chu  | 8)          |               |                     | ACD Positively Cros  |                 |             | 1 🗐              | 11/06/18  |
|   | 9) 🗔        |               |                     | C) Daily MACD Tryin  |                 |             |                  | 11/05/18  |
| <ul> <li>Asset Class</li> </ul>   | 10) 🗌       |               |                     | 5 Daily Chart Triang |                 |             | 1 🔳              | 11/02/18  |
| Equity  | 11) 🗌       |               |                     | Daily MACD Tries Po  |                 |             | <mark>1</mark> 🗐 | 11/01/18  |
| Fixed Income  | 12) 🗌       |               |                     | Bouncing Off 50% Fi  |                 |             | 2 🗐              | 10/31/18  |
| FX  | 13)         |               |                     | D Trying to Positive |                 |             | 1 🔳              | 10/30/18  |
| Economics   | 14) 🗌 🗸     | 0040504       | Corn (ZC) Daily M   | ACD Trying to Posit  | iv Tradable P   | att         |                  | 10/29/18  |
| Commodity   | 15) 🗌 🗸     | YAG Cur       | Silver (SI) Weekly  | / MACD Positively C  | ro… Tradable Pa | att         | 1                | 10/26/18  |
|   | 16)         | 0040504       | Gold (GC) Surges    | Above 7 Month Dow    | nc Tradable P   | att         | <b>1</b>  ≡      | 10/25/18  |
| <ul> <li>Action</li> </ul>  | 17) 🗌       |               |                     | g Daily Chart Trian  |                 |             | 1                | 10/24/18  |
| Initiation  | 18)         | 0040504       | Cocoa (CC) Weekly   | y MACD Trying to Po  | osi Tradable P  | att         | 1                | 10/23/18  |
| O Drop  | 19) 🗌 🗸     | YAG Cur       | Silver (SI) Daily ( | Chart Triangle Neari | in Tradable Pa  | att         |                  | 10/22/18  |
| A Revisions   | 20) 🔲 🗸     | DBC US,       | Gold (GC) Weekly    | MACD Positively Cro  | os Tradable Pa  | att         | 1                | 10/19/18  |
| 🔳 숡 Upgrade   | 21)         | AIGS LN,      | Cocoa (CC) Break    | s Daily Chart Downt  | re Tradable P   | att         | 1 🗐              | 10/18/18  |
| Downgrade   | 22)         | AIGS LN,      | Cocoa (CC) Testin   | g 5 Month Downtrer   | nd Tradable Pa  | att         | 1 🗐              | 10/17/18  |
|   | - 23) 🗋 🗸   | DBA US,       | Wheat (ZW) Weekl    | y MACD Green Line I  | Fl Tradable Pa  | att         |                  | 10/16/18- |

Source: Bloomberg Terminal

## Growing Institutional Following via Bloomberg Terminal



Source: Bloomberg Terminal

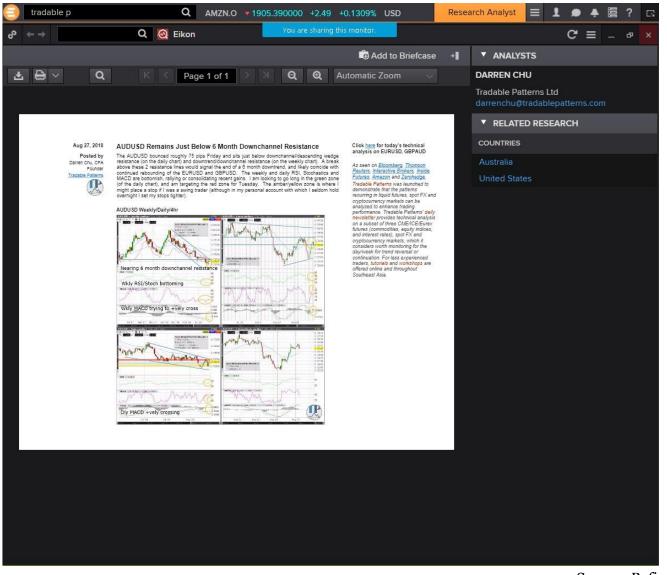
## Growing Institutional Following via Refinitiv Eikon

| 🗢 🖪     | ? 😫 🖣 🧶 | Workspace 1 📃 👤 |                          |     |                       |   |  |           | Q             |      | 🥑 research trada                        |
|---------|---------|-----------------|--------------------------|-----|-----------------------|---|--|-----------|---------------|------|---|
|         | C'≡ _   |                 |                          |     |                       |   |  | Search    | anced Researc | 🐼 Ad | & ← → Q. [                              |
| tt Us 🗘 |         |                 |                          |     |                       |   | SEARCH Date: Last 90 Days, Contributors(1)                       | ESEARCH S | ADVANCED F    |      | line v                                  |
|         |         |                 | ▼ Filters Add Criteria ∨ |     |                       |   |  |           |               |      |   |
|         |         |                 |                          |     |                       |   |  |           | Date 🔻        |      | Date Range                              |
|         |         |                 |                          |     |                       |   | VIX (VX) Testing Weekly Chart Descending Wedge Support Ahead o   | ٥Ŀ        | 09-Apr-2019   |      | Last 90 Days 🛛 🗸 🗸                      |
|         |         |                 |                          |     |                       |   | Soybean (ZS) Weekly MACD Trying to Positively Cross Ahead of WA  | ٥Ŀ        | 08-Apr-2019   |      | Primary Company                         |
|         |         |                 |                          |     |                       |   | Bitcoin (BTCUSD) Breaks Above Key 5000 Level                     | ٥Ŀ        | 07-Apr-2019   |      | Keyword Search 🖪                        |
|         |         |                 |                          |     |                       |   | Raw Sugar (SB) Weekly MACD Trying to Positively Cross            | ٥Ŀ        | 05-Apr-2019   |      | Document V<br>Enter Text                |
|         |         |                 |                          |     |                       |   | USDJPY Testing Daily Chart Triangle Resistance Ahead of NFP      | ٥Ŀ        | 05-Apr-2019   |      | Add Keyword V                           |
|         |         |                 |                          |     |                       |   | WTI Crude (CL) Testing 61.8% Fib Retrace of Oct-Dec Fall         | ٥Ŀ        | 03-Apr-2019   |      | Sort By Relevance                       |
|         |         |                 |                          |     |                       |   | Nasdaq100 (NQ) Forming 14th Green Weekly Candle in 15 Wks        | ٥A        | 02-Apr-2019   |      | Report Types Report Types (0)           |
|         |         |                 |                          |     |                       |   | Soybean (ZS) Testing 5 Month Low                                 | ٥Ŀ        | 01-Apr-2019   |      |   |
|         |         |                 |                          |     |                       |   | Bitcoin (BTCUSD) Nears 4 Month High                              | ٥Ŀ        | 01-Apr-2019   |      | Contributors Q<br>Tradable Patterns Ltd |
|         |         |                 |                          |     |                       |   | Cocoa (CC) Weekly MACD Trying to Positively Cross                | ٥Ŀ        | 30-Mar-2019   |      | Exclude Selected                        |
|         |         |                 |                          |     |                       |   | USDCAD Weekly MACD Trying to Positively Cross                    | ٥Ŀ        | 28-Mar-2019   |      | Exclude by CTB Type (0)                 |
|         |         |                 |                          |     |                       |   | WTI Crude (CL) Testing 50% Fib Retrace of Oct-Dec Fall           | ٥Ŀ        | 27-Mar-2019   |      | Clear Search                            |
|         |         |                 |                          |     |                       |   | VIX (VX) Testing Daily Chart Descending Wedge Resistance         | ٥Ŀ        | 26-Mar-2019   |      | ► ANALYZE RESULTS                       |
| -       |         |                 |                          |     |                       |   | Corn (ZC) Weekly MACD Trying to Positively Cross                 | ٥Ŀ        | 25-Mar-2019   |      |   |
|         |         |                 |                          |     |                       |   | Bitcoin (BTCUSD) Retesting Key 4000 Level                        | ٥Ŀ        | 24-Mar-2019   |      |   |
|         |         |                 |                          |     |                       |   | Cotton (CT) Breaks 9 Month Downchannel Resistance                | ٥Ŀ        | 22-Mar-2019   |      |   |
|         |         |                 |                          |     |                       |   | AUDUSD Testing Weekly Chart Downchannel Resistance               | ٥Ŀ        | 21-Mar-2019   |      |   |
|         |         |                 |                          |     |                       |   | Natural Gas (NG) Retests 61.8% Fib Retrace of Dec-Feb Fall       | ٥Ŀ        | 20-Mar-2019   |      |   |
|         |         |                 |                          |     |                       |   | S&P500 (ES) 3 Month Ascending Wedge Nearing End Ahead of FO      | ٥A        | 19-Mar-2019   |      |   |
|         |         |                 |                          |     |                       |   | Soybean (2S) Daily MACD Trying to Positively Cross               | ٥Ŀ        | 18-Mar-2019   |      |   |
|         |         |                 |                          |     |                       |   | Ethereum (ETHUSD) Daily MACD Trying to Positively Cross          | ٥Ŀ        | 17-Mar-2019   |      |   |
|         |         |                 |                          |     |                       |   | Cotton (CT) Consolidating Just Below Key .75 Level               | ٥Ŀ        | 15-Mar-2019   |      |   |
|         |         |                 |                          |     |                       |   | GBPUSD Retests 50% Fib Retrace of Apr-Jan Fall Ahead of Brexit V | ٥Ŀ        | 14-Mar-2019   |      |   |
|         |         |                 |                          |     |                       |   | WTI Crude (CL) Weekly Chart Ascending Wedge Near Completion      | ۵B        | 13-Mar-2019   |      |   |
|         |         |                 |                          |     |                       |   | S&P500 (ES) Retesting 76.4% Fib Retrace of Sep-Dec Fall          | ٥Ŀ        | 12-Mar-2019   |      |   |
|         |         | + Argentina     | Mr. Darren Chu, CFA      | n/a | Tradable Patterns Ltd | 1 | Corn (ZC) Tests 2018 Low Post-WASDE                              | ٥Ŀ        | 11-Mar-2019   |      |   |



Source: Refinitiv Eikon

Growing Institutional Following via Refinitiv Eikon



Source: Refinitiv Eikon

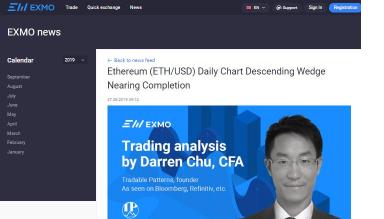
## Growing Institutional Following via Factset Terminal

|               |  | search Readership   |   |  |                |        |     |            |
|---------------|--|---|---|--|----------------|--------|-----|------------|
| Identifier(s) | 🔻 🔍 🗌 Primary  | 1 Year 🔻 1 🔻  | Keywords or Phrases   | 🔹 🏠 🥒 👻 🦷 More 👻 Gi  | roup By: None  |        |     | 📑 👝 🗸      |
| Date/Time Id  | lentifier (  | Contributor   | <ul> <li>Headline (7)</li> </ul>  |  | E Target Price | Rating | - 🚆 | Analyst    |
| 12:11 PM IB   | 3KR-US 1   | Tradable Patterns   | VIX (VX) Forming 1st Green Weekly Candle in 6 Weeks Ahead of NFP  |  |                |        |     | Darren Chu |
| 06 Sep '18 IB | 3KR-US 1   | Tradable Patterns   | Raw Sugar (SB) Reclaims Weekly Chart Downchannel Support  |  |                |        |     | Darren Chu |
| 05 Sep '18 IB | BKR-US 1   | Tradable Patterns   | Corn (ZC) Daily MACD Trying to Positively Cross   |  |                |        |     | Darren Chu |
| 04 Sep '18 IB | BKR-US 1   | Tradable Patterns   | Nikkei (NK) Daily MACD Trying to Negatively Cross   |  |                |        |     | Darren Chu |
| 03 Sep '18 IB | BKR-US 1   | Tradable Patterns   | Eurostoxx 50 (FESX) Daily MACD Trying to Negatively Cross   |  |                |        |     | Darren Chu |
| 31 Aug '18 IB | BKR-US 1   | Tradable Patterns   | Raw Sugar (SB) Weekly MACD Trying to Positively Cross   |  |                |        |     | Darren Chu |
| 30 Aug '18 IB | SKR-US 1   | Tradable Patterns   | Cocoa (CC) Testing 38.2% Fib Retrace of May-Aug Fall  |  |                |        |     | Darren Chu |
| E             |  |   | Viewer  | ×  | < _            |        |     |            |
| VIX (VX) For  | ming 1st Green   |   |   |  | 5              |        |     |            |
|               |  |   |   |  |                |        |     |            |
|               | Sep 7, 2018<br>Posted by<br>Darren Chu, CFA<br>Founder<br><u>Tradable Patterns</u> | The VIX (VX) rallied<br>Farm Payrolls (NFP,<br>weeks, and appears<br>and weekly chart),<br>consolidating recent<br>targeting the red zo | ing 1st Green Weekly Candle in 6 Weeks Ahead of NFP<br>is 3rd straight day yesterday ahead of today's highly anticipated monthy US Non-<br>) at 830am EST. Significantly, the VX is forming the first green weekly candle in 6<br>to be a day of 2's volatility away from testing downchamer (resistance (on the daily<br>The weekly, daily and 4m RSI, Stochastics and MACD are bottomish, railwing or<br>gains. I am looking to go long post-NFP in the green zone (of the daily chart),<br>ne for Tuesday. The amber/yellow zone is where I might place a stop if I was a<br>gh in my personal account with which I seldom hold overnight I sometimes set my<br>alty/4hr | Click here for today's technical<br>analysis on Nasdaq100, GBPAUD<br>As seen on Bloomberg. Thomson<br>Reuters: Interactive Brokers. Inside<br>Eutures, Amazon and Zerchedge.<br>Tradable Patterns was launched to<br>demonstrate that the patterns<br>recurring in liquid futures, spot FX and<br>cryptocurrency markets can be<br>analyzed to enhance trading<br>performance. Tradable Patterns' daily<br>newsletter provides technical analysis<br>on a subset of three CME/CE/Eurer<br>futures (commodifies, equity indices,<br>and inferest trates), spot FX and<br>cryptocurrency markets, which it<br>considers worth monitoring for the |                |        |     |            |

Source: Factset Terminal

## Distributed by Eastern Europe's Largest Crypto Exchange





Enterum (ETH400) spent this past week just below the psychologically key 200 whole figure lews. Bulls should per sprime any day though a kined by the bottmice and JNRS is Schockies and IAOC and the desanding wedge serving completion (on the daily orient). The raily could quickly flatten the still slightly downsloping weekly Stochastics. A decisive break back above 200 will likely councile with Biccoin (BTCUSD) attempting to continue its bull market aine is at December. Note that the two spikes lower (on the daily orient) and prime specific to the Uaudi ETH3D market due to insufficient liquidity, marketmaker and circuitbreaker support (specifically on this exchange market) and not a spike move down on ETHUSD (across other exchange markets).

Ethereum (ETH/USD) Weekly/Daily





#### Ethereum Fundamentals

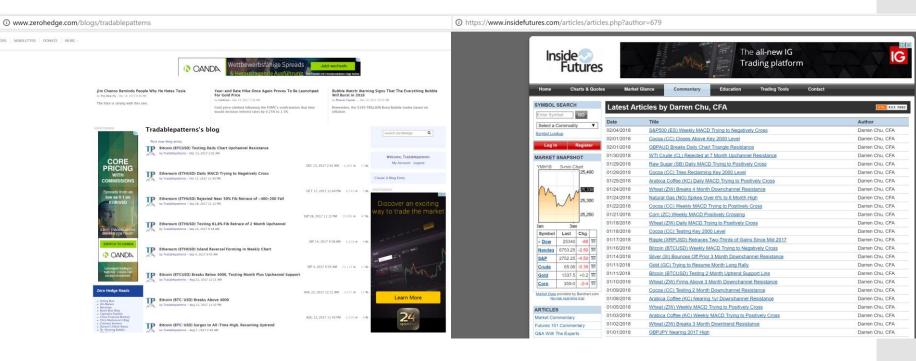
Enterum founder Vfalik Ruterin spoke this past week about Enterum's transaction costs remaining high, and of the blockhain network gening overly congretated. Networkless, it deget and Erick's expressing to launch physically delived. Enterum futures, with the CME appearing to be laying the ground work to follow suit, as it first tunes its Ethereum reference rate and index. ETHUSD buils are looking forward to scalability improvements in the form of Photof of Stake and Sharding scheduled for 2019/2020. Meannike Enterum developers have their work cut out for them as debet rages among developers and miners on mining incentives, while newer blockchain competitors built for greater scalability attract more developers and funding.

#### Industry Fundamentals

BoE Governor Mark Carney just suggested this past week that the world may need to move away from the current world reserve currency - the US Dollar. He's used Libra as an example of the type of digital currency collisterilized by a basket of flat currencies that culd lease the world's dependency on and impact from just on feat currency. In the pact month, Walmart has hopped on the statelecon like by applying for a gatent for its own, which will operate within its ecosystem (including that of patrency) as a world lease the world's appendence to part of the state structure and the state one in the state and the state one in the world wo Source: exmo.com

## Other Distribution Partners

## □Also seen on <u>Zerohedge</u> and <u>Inside Futures</u>





Source: zerohedge.com; insidefutures.com

# Further questions?

### Darren Chu, CFA

Whatsapp: +65 8118 8840 Email: <u>darrenchu@tradablepatterns.com</u> FB: <u>https://facebook.com/tradablepatterns</u> Stocktwits: <u>https://stocktwits.com/TradablePatterns</u> Twitter: <u>https://twitter.com/chu\_darren</u> Linkedin: : <u>https://linkedin.com/company/tradablepatterns</u> Instagram: <u>https://instagram.com/tradablepatterns</u>



Website: <u>https://tradablepatterns.com</u>