IR SUMMIT, December 12th, 2017





Change Is Happening Fast and at Multiple Levels

World

- By 2050, the World population is expected to reach about 10 Billion
- By 2019, 1/3 of all shoppers will be in China. Today, there are 243 cities with population of +1 Million in China and 1.3 Billion Chinese own smart phones (Total population of Europe). By 2020, 4 out of 10 college graduates across the globe will be either Chinese or Indian
- By 2020, there will be 200 Billion smart objects worldwide; 26 for every human on Earth
- By 2025, 50% of operational jobs will have passed on to machines. For every 10 jobs consumed by automation, only 1 will be created
- Nanotechnology will increase computing capabilities, allowing for brain-like devices . By 2050, Super Intelligence will be in our lives, introducing robots more creative than human brain
- Bitcoin daily trading volume has surpassed the \$1 Billion threshold in 2017, in November 2017 the daily trading volume surpassed \$5 Billion. Total Bitcoin value is over \$250 Billion
- Global spending on cybersecurity will exceed \$1 Trillion over the next 5 years
- Increased societal push for greener operations across the whole supply chain

Industry

- Every 2 weeks a company is replaced in the S&P 500
- 63% of Fortune 500 Companies with a major stake in healthcare are new entrants
- More than 40% of Consumer Goods R&D is crowdsourced
- In 2016 we produced as much data as in the rest of the history of humankind
- Automization of industries driven by technologies like 3d printing will change production economics
- Artificial Intelligence, Machine Learning, Cloud and Big Data will radically change not only society but also how we work
- In 10 years time, 40% of the jobs people will be doing, do not exist today
- 65% of children will work in roles that don't exist today
- The sharing economy will continue to disrupt traditional industries at a higher pace and with a bigger reach. Airbnb is valued at \$30 Billion, as much as Hilton and Hyatt combined
- Fluidity will continue to increase; Uber and Lyft are responsible for an 80% drop in the price of a New York City taxi medallion

Corporate Life

- ► By 2020 50% of Americans will be freelancers
- In 10 years time it is predicted that 50% of your work force will be freelancers drawn from the «gig» economy
- Technology gave rise to the gig economy changing the way companies recruit, source and develop talent
- Service-related industries will continue to grow compared to manufacturing employment in the developed economies
- Need for immediate business-critical information drives investment in data infrastructure, making all data available, and possibly information overload. Only 8% of companies think they have usable data
- 3 in 4 Companies have adopted Artificial Intelligence Technology in their workforce, however only 17% of executives say they are ready to manage a workforce that includes humans, robots and AI working side by side
- By 2025, millennials are expected to make up around 75% of the workforce, at which point Gen Z will also be coming into the workforce. As people are likely to retire later, organizations will need to manage 5 generations in the workforce all with different demands

GOOD LUCK



IR Function Today



Context

- The new world is much more complex and challenging than earlier times full of disruptive technology and activist attacks which lead to grave infrastructural change in Capital Markets
- Information flow reached immense speed and risk
- Corporate Governance and Regulatory Compliance are crucial

IR Function

- IR is effective communication of a Corporation's financial performance and strategy, which drives the share price
- IR is the pre-eminent link between the Corporations and the Investors
- Effective Investor Management requires persuasive, compelling equity story but also a straightforward, trustable story
- Internal and External Dialogue is key and needs to be done with Transparency, Consistency, Clarity, Candor, and Timely
- High Credibility, TRUST are vital to manage Corporation's perception and its evolution

Competencies

- Securing / maintaining Investors' confidence demands a strategic mindset, effective data extraction, and articulation at ripple intelligence level
- Resourceful Investor Management demands an innovative mindset and continuously-fed intellectual capacity
- Business Judgement and capacity to Interpret are critical assets
- Constructive Dissatisfaction is invaluable
- Ingenious Problem Solving is key
- Trading Trends and Competitive Activity are detrimental sources
- Attention to Detail and Sense of Urgency are of paramount importance to Triage multiple requests from Investors, Analysts, Stakeholders
- Effective Network is essential (go-to-sources, brokerage firms, investment banks, regulatory bodies, media, roadshows, NGOs, and more)
- Heavy Involvement in AI, Blockchain, BigData is no longer a luxury
- Business Acumen and Finance Background needed, pure Communications is no longer sufficient