



Symposium on Technologies Beyond 2035

21-22 October 2014, San Jose, California



Venue

Dolce Hayes Mansion
200 Edenvale Avenue
San Jose, California, USA

The IEEE TTM 2014 is the third organized Symposium on future technologies to globally predict the interplay science, technology, society, and economics may have on one another. Multiple future technologies will be discussed interactively between attendees and speakers. IEEE is bringing world renowned experts to present a 2035 vision for each of the six areas described below. Two expert challengers will further examine the vision and provide a discourse that extends to participant roundtable discussions followed by an interactive readout for all to partake in. The participant conclusions reached will be edited to create a series of formal white papers through the assistance of experienced science and innovation journalists.

Themes

- **Future of Energy:** production, distribution, utilization, policy. Disruptions ahead and geopolitical changes.
- **Future of Fabrication:** robotic networks, atoms and bits. Functional 3D printing, bio-inspired manufacturing, sustainable manufacturing, smart materials.
- **Future of Health Care:** for the next 6 Billion people. Do it yourself technology enabled, or top down? Genomics and microbots, cyborgs, unlimited life span.
- **Future of Humans:** containing cyborgs, trans-humans. Ambient awareness, a sentient world. Enabling connectomics, bio-engineering, brain machine interface, small world math. Sensor based, body area networks, personal area networks.
- **Future of Networks:** from infrastructures to fabric. IoT and intelligent objects - the communication fabric. Data as the fabric ingredient, emerging evolving behaviors.
- **Future of Processing:** distributed and/or clumped, aware and/or emerging behavior? Cloud and/or fog driven. Approximate, neuromorphic and/or quantum computing? Plasmonics as a CMOS substitute?

Who Should Attend

The areas chosen for TTM cover a wide synergistic range of business, social, political, and educational areas. This event is geared towards industry leaders, government officials, scientific innovators, economists, and social policy makers. A body of attendees comprising these leaders along with IEEE technical experts, students performing research in these areas, and cutting edge journalists are the ingredients for a memorable TTM. We look forward to seeing you at TTM 2014.

For more information and to register, visit: ttm.ieee.org
or send email: ttminfo@ieee.org

