

Day 1

| Time | | Speaker | Affiliation | Title |
|----------|----------|---|---|--|
| 9:00 AM | 9:10 AM | Opening Remarks: Karim Zaghbi / Khalil Amine | | |
| 9:10 AM | 10:10 AM | Minister Francois- Philippe Champagne Minister Pierre Fitzgibbon Brian Cunningham | Minister of Economy, Innovation and Energy, Québec Minister of Innovation, Science and Industry, Canada Department of Energy, USA | Pannel Discussion |
| 10:10 AM | 10:35 AM | Steven Chu | Stanford University | |
| 10:35 AM | 11:00 AM | Stanley Whittingham | Binghamton University (SUNY) | Trends in Lithium Batteries: A Perspective for an American Future |
| 11:00 AM | 11:30 AM | Coffee Break & Exhibit | | |
| 11:30 AM | 11:55 AM | Paolo Cerruti | Northvolt | |
| 11:55 AM | 12:20 PM | Qichao Hu | SES AI | |
| 12:20 PM | 12:45 PM | Wiliam Chueh | Stanford University | Nanomechanics of Brittle Solid Electrolytes |
| 12:45 PM | 1:10 PM | Jeff Sakamoto | University of California, Santa Barbara | Mechano-Electrochemical Phenomena in Solid-State Batteries |
| 1:10 PM | 2:40 PM | Lunch | | |
| 2:40 PM | 3:05 PM | Daniel Breton | Mobilite Electrique Canada | Update on the Canadian EV market: new challenges and opportunities |
| 3:05 PM | 3:30 PM | John Muldoon | Toyota Research Institute of North America | An Odyssey though the Uncharted waters of Post Lithium Ion Batteries |
| 3:30 PM | 3:55 PM | Tobias Glossmann | Mercedes Benz | Battery Energetics – Key Insights for better Electric Vehicles |
| 3:55 PM | 4:20 PM | Elena Ligabue | Ferrari | |
| 4:20 PM | 4:45 PM | Marc Deschamps | Blue Solution | An overview of Blue Solutions: lithium metal battery performance, lithium foils, industrialization and recycling |
| 4:45 PM | 5:15 PM | Coffee Break & Exhibit | | |
| 5:15 PM | 5:40 PM | Marc Bédard | Lion Electric | Batteries : the Beating Heart of Evs |
| 5:40 PM | 6:05 PM | Yoshinori Kida | Panasonic Energy | Panasonic Energy’s Innovation in Battery Technology for EV |
| 6:05 PM | 6:30 PM | Alex Yu | Factorial Energy | Charting Progress: The present and the future of solid-state batteries |
| 6:30 PM | 8:30 PM | Poster Session | | |

Day 2

| Time | | Speaker | | |
|----------|----------|-----------------------------------|---------------------------------------|---|
| 8:30 AM | 9:00 AM | Peter Bruce | University of Oxford | Anode and cathode interfaces in lithium metal – ceramic electrolyte batteries |
| 9:00 AM | 9:25 AM | Linda Nazar | University of Waterloo | Solid Electrolytes and Interfaces in Sodium Solid State Batteries |
| 9:25 AM | 9:50 AM | Naoki Ota | 24M | 24M Impervio™ Technologies: Stop Periodical Massive Recalls and Fires of Lithium Ion Cells, and Enabling 1000 Mile per Charge Batteries |
| 9:50 AM | 10:15 AM | Fanny Bardé | SoLiThor | SOLiTHOR's Solid Composite Electrolyte : Enabling low pressure operation Lithium metal Solid-State Battery |
| 10:15 AM | 10:45 AM | <i>Coffee Break & Exhibit</i> | | |
| 10:45 AM | 11:10 AM | Ryoji Kanno | Tokyo Institute of Technology | Solid electrolytes for all-solid-state battery - Synthesis, conduction mechanism, battery properties |
| 11:10 AM | 11:35 AM | Eric Desaulniers | Nouveau Monde Graphite | The Story of Nouveau Monde Graphite : Challenges & Opportunities in Establishing a Local Champion for Graphite Anode Materials in North America |
| 11:35 AM | 12:00 PM | Chisu Kim | Hydro-Québec | Multi-dimensional approaches making solid-state batteries more practical for EV applications |
| 12:00 PM | 12:25 PM | Stefano Passerini | Karlsruhe Institute of Technology | Ionic liquid electrolytes for high-Energy Lithium Batterie |
| 12:25 PM | 12:50 PM | Jerry Chen | Nvidia | AI-driven Materials Discovery: Molecular Universe |
| 12:50 PM | 2:20 PM | <i>Lunch</i> | | |
| 2:20 PM | 2:50 PM | Yi Cui | Stanford University | Enabling lithium metal anodes: materials, electrolytes and tools |
| 2:50 PM | 3:15 PM | Jie Xiao | Pacific Northwest National Laboratory | Progress of Battery 500 Consortium |
| 3:15 PM | 3:40 PM | Saiful Islam | Univeristy of Oxford | Atomic-Scale Insights into Structural and Redox Properties of Lithium-Rich Cathode Materials |
| 3:40 PM | 4:05 PM | Venkat Srinivasan | Argonne National Laboratory | Recent Progress in Li-metal-based battery R&D |
| 4:30 PM | 5:00 PM | <i>Coffee Break & Exhibit</i> | | |
| 5:00 PM | 5:25 PM | Jeff Dahn | Dalhousie University | All dry-synthesis of positive electrode materials for Li-ion batteries competes head to head with material made by traditional methods. |
| 5:25 PM | 5:25 PM | Jennifer Hiscock | NRCan OERD | The Office of Energy R&D's Strategic Approach to Battery Innovation |
| 5:25 PM | 5:50 PM | Kristine Persson | University of California, Berkeley | Data-driven Prediction of Electrode-Electrolyte Reactions |
| 8:00 PM | 11:00 PM | <i>Banquet</i> | | |

Day 3

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|----------|----------|--|--|---|
| 8:30 AM | 9:00 AM | Gerbrand Ceder | University of California, Berkeley | Single crystal DRX as earth-abundant cathode materials with long cycle life |
| 9:00 AM | 9:25 AM | Michael Thackery | Argonne National Laboratory | Recent Developments in Lithium-Manganese-Oxide Electrochemistry |
| 9:25 AM | 9:50 AM | Xiaobo Ji | Central South University | Long-Life and Low-Cost Sodium-Ion Cathode Materials |
| 9:50 AM | 10:15 AM | Atsuo Yamada | University of Tokyo | Redefined battery science and engineering after 100 years of Debye-Huckel theory. |
| 10:15 AM | 10:40 AM | Guohua Chen | City University of Hong Kong | oCVD/iCVD conductive-elastic co-polymer coating of Ni-rich cathode materials for high voltage operation |
| 10:40 AM | 11:10 AM | <i>Coffee Break & Exhibit</i> | | |
| 11:10 AM | 11:35 AM | Sarah Sajedi / Gary Vegh | ERA Environmental Management Solutions | Navigating New Regulations: Global vs. North American Perspectives and Life Cycle Assessment (LCA) for Battery Production |
| 11:35 AM | 12:00 PM | Robert Kostecki | LBNL | Si-based intermetallic anodes for high performance Li-ion batteries |
| 12:00 PM | 12:25 PM | Timothy McComb | Coherent | Current and Emerging Uses of Laser Technology in Battery Manufacturing |
| 12:25 PM | 12:50 PM | Zhongwei Chen | Dalian Institute of Chemical Physics | Rechargeable Zinc Batteries |
| 12:50 PM | 1:15 PM | Di Noto Vito | University of Padova | Advanced Electrolytes for Post-Lithium-Ion Batteries: δ -Metal Halides and Mechanisms |
| 1:15 PM | 2:45 PM | <i>Lunch</i> | | |
| 2:45 PM | 3:10 PM | Jagjit Nanda | Stanford University | Sustainable Cathodes Chemistries for Next Generation Lithium-Ion Batteries |
| 3:10 PM | 3:35 PM | Mike Finelli | Syensqo | Building a Sustainable North American EV Value Chain: The Role of Critical Materials – Syensqo’s Perspective |
| 3:35 PM | 4:00 PM | Shoichi Matsuda | NIMS | Challeng for 500 Wh/kg class rechargeable lithium-oxygen batteries |
| 4:00 PM | 4:25 PM | Ghazaleh Nazari | Coherent | SHARP™ Technology for Lithium-Ion Battery Recycling |
| 4:25 PM | 4:55 PM | <i>Coffee Break & Exhibit</i> | | |
| 4:55 PM | 5:20 PM | Xia Li | Concordia University | Development of High-Performance Sustainable All-Solid-State Batteries |
| 5:20 PM | 5:45 PM | Guiliang Xu | Argonne National Laboratory | Developing high-energy and long-life Na-ion batteries |
| 5:45 PM | 6:10 PM | Yan-Kai Tzeng | SLAC National Accelerator Laboratory | Optical Characterization of Ion Batteries |
| 6:10 PM | 6:35 PM | Sixu Deng | Concordia University | Development of High-Performance Inorganic Solid-State Battery Cathodes |
| 6:35 PM | 6:50 PM | Closing Remarks: <i>Karim Zaghib/ Khalil Amine</i> | | |