



The 44th DCEA International Automotive Conference

底特律中国工程师协会第44届国际汽车技术研讨会

Advances & Challenges of Auto Industry

机遇与挑战：汽车工业的最新进展



Venue: Plymouth Manor, 345 North Main St., Plymouth MI 48170

Time: 4:30 p.m. – 9:00 p.m.

Date: April 18, 2024 (Thursday)

Dining: Banquet

Dress Code: Business Formal

Conference Committee 会议组织委员会

Committee Chair

Walter Z. Nie (聂子锋)

Executive Co-Chairs

Adam Li (李凡), Dafa Yan (阎大发)

MC: Jenny Remington

Session Chairs: Jun Wang (王俊), Nina Hushes

Editor in Chief

Jun Wang (王俊)

Committee Members

Cindy Fabio

Jenny Remington

Nina Hushes

Jim Ji (吉颖峰)

Wenlong Yang (杨文龙)

Kevin Yan (阎全忠)

Zhihong Liu (刘志宏)

Tom Zu (祖宝堂)

Fan Li (李凡)

Dafa Yan (阎大发)

Jun Wang (王俊)

Peiran Ding (丁沛然)

Agenda

4:30 – 5:00 PM **Check-in and Networking**

5:00 – 5:05 PM **Opening & Welcome**

Presentations: Session 1 (5:05 – 6:45 PM) *Session Chair: Nina Hughes*

5:05 – 5:45 PM **Keynote: The Road to Better**
Bob Holycross, VP and Chief SES Officer,
Ford Motor Company

5:45 – 6:15 PM **The Challenges and Strategies of Vehicle Electrification and Applications of AI for Improving Vehicle Performance**

Dr. Perry Gu (Chief Scientist) & Mr. Ben Wei (Sr. Chief Engineer)
Zhejiang Geely Holding Group Co., Ltd.

6:15 – 6:45 PM **State of Energy Solutions**
Tim DeBastos, Head of LG Energy Solution, North America

Dinner (6:45 – 7:40 PM)

7:05 – 7:15 PM **VIP Acknowledgements & Distinguished Speeches**
Charles Poon, Director, Ford Electrified Systems Engineering
Jenny Wang, APACC, Director, Generation Optimization, DTE Energy
Molly Mo, Chair, Ford Asian Association

7:15 - 7:30 PM **DCEA Annual Report**
Dr. Walter Zifeng Nie, DCEA President

7:30 - 7:40 PM **Acknowledgements & Appreciation**

Presentations: Session 2 (7:40 – 9:00 PM) *Session Chair: Jun Wang*

7:40 – 8:10 PM **Enhancing Battery Thermal Management in EVs through Reduced Order Modeling and Predictive Control for Quick Charging**
Dr. Bruce Hu, Global Engineering Director
Farasis Energy USA

8:10 – 8:40 PM **Deep Reinforcement Learning for Intelligent Driving Function**
Prof. Shengbo Li, Dean of Vehicle & Mobility School
Tsinghua University (*via Zoom*)

8:40 - 9:00 PM **Group Pictures & Closing**
