

Details of the Symposium

Venue

Hotel and Registration

Dalian Bay Shore Hotel
No.32, C1, Xinghai Square, Dalian, China

Conference

Conference Room on First Floor, Energy Fundamentals Building, Dalian Institute of Chemical Physics (DICP), Chinese Academy of Sciences
457 Zhongshan Road, Dalian, China

Traffic

Departure at 8:15 AM from hotel lobby to DICP

Contact information

Hotel

Dalian Bay Shore Hotel
Tel: +86 411 84677777

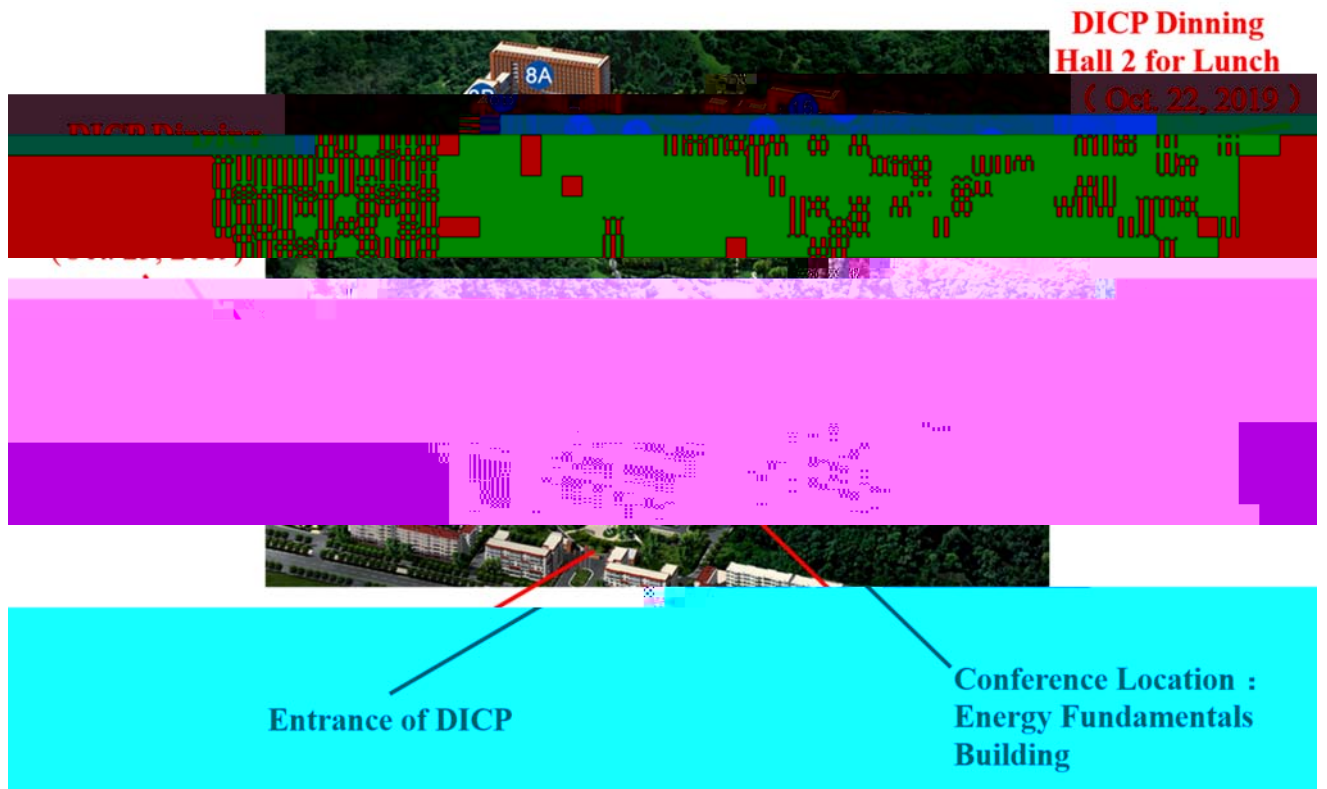
Symposium

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Map of DICP



Symposium Program

Sunday, October 20, 2019	
10:00-21:00	<i>Registration, Lobby of Bayshore Hotel Dalian, C1-32 Xinghai Square, Shahekou District, Dalian</i>
18:00-20:00	<i>Welcome Banquet (Sponsored by Thermo Fisher Scientific) Room 306, Xinghai Fishing Harbor Restaurant</i>
Monday, October 21, 2019	
08:15	<i>Leave for DICP from hotel lobby</i>
08:30-08:40	Opening Address (Presided by Prof. Lihua Zhang)
Session 1 Chair: Prof. Yukui Zhang	
08:40-09:10	Fine Particle Chemistry: from Nano to PM 2.5 Guibin Jiang <i>Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, China</i>
09:10-09:40	Nanobiodevices, Quantum Technology, and AI for Precision Medicine and Future Healthcare Yoshinobu Baba <i>Nagoya University, Japan</i>
09:40-10:10	Cancer Targeting Dyes: from Imaging to Theranostics Xiaojun Peng <i>Dalian University of Technology, China</i>
10:10-10:40	Photo & Coffee Break

Session 2 Chair: Prof. Norman Dovichi	
10:40-11:05	<p>Online Coupling of Supercritical Fluid Chromatography with Reversed Phase Liquid Chromatography - Mass Spectrometry for Lipid Profiling</p> <p>Huwei Liu <i>Peking University, China</i></p>
11:05-11:30	<p>Preparation of Photonic Crystals for Ultra-fast Separation</p> <p>Yi Chen <i>Institute of Chemistry Chinese Academy of Sciences, China</i></p>
11:30-11:55	<p>Urine - the Next Generation Biomarker Source</p> <p>Youhe Gao <i>Beijing Normal University, China</i></p>
11:55-13:30	<i>Lunch DICP Dinning Hall 1</i>
Session 3 Chair: Prof. Myeong Hee Moon	
13:30-13:55	<p>Highly Efficient and Precise Glycoproteomic Analysis</p> <p>Pengyuan Yang <i>Fudan University, China</i></p>
13:55-14:20	<p>Novel Material and Method for the Fast and Effect Isolation of Serum Exosome and Profiling of Its Proteome and Phosphoproteome</p> <p>Xiaohong Qian <i>National Center for Protein Sciences· Beijing, China</i></p>
14:20-14:45	<p>Developing Improved Strategies for Selective Enrichment and Large-scale Profiling of Peptides with Multiple PTMs</p>

	<p>Lingjun Li</p> <p>University of Wisconsin System, USA</p>
14:45-15:10	<p>Exosome Phosphoproteins for Disease Diagnosis: Promise and Challenges</p> <p>Weiguo Andy Tao</p> <p>Purdue University, USA</p>
15:10-15:35	<p>Spatiotemporal Protein Complex Profiling by Integrated Proteomics</p> <p>Ruijun Tian</p> <p>Southern University of Science and Technology, China</p>
15:35-15:55	<p>Coffee Break</p>
<p>Session 4 Chair: Prof. Pengyuan Yang</p>	
15:55-16:20	<p>High-fat Diet-induced Perturbation of Lipids in Mouse Brain and Skeletal Muscles by nUHPLC-ESI-MS/MS</p> <p>Myeong Hee Moon</p> <p>Yonsei University, Korea</p>
16:20-16:45	<p>Ultra-sensitive Detection and Imaging of Clinical Biomarkers using Signal Amplification Strategy and Mass Spectrometry</p> <p>Yu Bai</p> <p>Peking University, China</p>
16:45-17:10	<p>The Plant Parasite <i>Cuscuta Australis</i> with A Streamlined Genome Mediates Inter-plant Systemic Signals</p> <p>Jianqiang Wu</p> <p>Kunming Institute of Botany Chinese Academy of Sciences, China</p>

17:10-17:35	<p>Characterization of Protein and Protein Complexes by High Resolution, High Mass and Native Mass Spectrometry</p> <p>Guanghai Han <i>Thermo Fisher Scientific, USA</i></p>
<p>Symposium Program</p> <p>Tuesday, October 22, 2019</p>	
<p>Session 5 Chair: Prof. Adam Thomas Woolley</p>	
08:30-09:00	<p>Electrophoretic Fractionation of Intact Cells Enhances Metagenomic Analysis of a Complex Microbiome</p> <p>Norman J. Dovichi <i>University of Notre Dame, USA</i></p>
09:00-09:30	<p>DNA-Protein Binding and Isothermal Amplification Techniques Enabling Sensitive Detection of Proteins</p> <p>X. Chirs Le <i>University of Alberta, Canada</i></p>
09:30-10:00	<p>Microbiome-Drug interactions</p> <p>Daniel Figeys <i>University of Ottawa, Canada</i></p>
10:00-10:20	<p><i>Coffee Break</i></p>
<p>Session 6 Chair: Prof. X. Chirs Le</p>	
10:20-10:45	<p>Integrated 3D Printed Microfluidic Devices for Separation of Biomolecules</p> <p>Adam Thomas Woolley <i>Brigham Young University, USA</i></p>

10:45-11:10	<p>Automated Droplet-based Microfluidic Analysis and Screening Based on Sequential Operation Droplet Array Technique</p> <p>Qun Fang <i>Zhejiang University, China</i></p>
11:10-11:35	<p>The Use of Specific Interactions in Microscale Liquid Phase Separations</p> <p>Koji Otsuka <i>Kyoto University, Japan</i></p>
11:35-12:00	<p>High Throughput, Integrative Single-cell Secretomic Analysis Towards Better Understanding of Immune Responses and Tumor Microenvironment</p> <p>Yao Lu <i>Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China</i></p>
12:00-13:30	<i>Lunch (DICP Dinning Hall 2)</i>
Session 7 Chair: Prof. Xingfang Li	
13:30-13:55	<p>Developing Cross-linking Mass Spectrometry to Define Protein Interactions and Structures</p> <p>Lan Huang <i>University of California, Irvine, USA</i></p>
13:55-14:20	<p>Novel Methods for Chemical Crosslinking Based Protein Complex Analysis</p> <p>Qun Zhao <i>Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China</i></p>

14:20-14:45	<p>In-Depth Structural Characterization of Intact Protein Complexes by Native Top-Down Mass Spectrometry</p> <p>Huilin Li <i>Sun Yat-University, China</i></p>
14:45-15:10	<p>Lysine Reactivity Profiling, A Novel Strategy for Structural Proteomics</p> <p>Fangjun Wang <i>Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China</i></p>
15:10-15:35	<p>Exosome Isolation and Proteome Analysis for Functionality Studies</p> <p>Xiangmin Zhang <i>Fudan University, China</i></p>
15:35-15:55	<i>Coffee Break</i>
Session 8 Chair: Prof. Huilin Li	
15:55-16:20	<p>Stable Isotopic Labeling Simplifying Nontarget Identification of Amino Contaminants in Water</p> <p>Xingfang Li <i>University of Alberta, Canada</i></p>
16:20-16:45	<p>Synergistic Coupling of In-line Single Drop Microextraction and On-line Large Volume Sample Stacking for Capillary Electrophoresis/mass Spectrometry</p> <p>Doo Soo Chung <i>Seoul National University, Korea</i></p>

16:45-17:05	<p>The Opportunity, Challenge and Development of Fluorescent Dyes for Super-resolution Imaging</p> <p>Zhaochao Xu</p> <p><i>Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China</i></p>
17:05-17:30	<p>Endogenous Peptides for Disease Research and Drug Development</p> <p>Xiaozhe Zhang</p> <p><i>Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China</i></p>
<p>Symposium Program</p> <p>Wednesday, October 23, 2019</p>	
<p>Session 9 Chair: Prof. Ren'an Wu</p>	
08:30-08:55	<p>New Methods for Cell Surface Proteome Profiling</p> <p>Mingliang Ye</p> <p><i>Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China</i></p>
08:55-09:20	<p>Profiling of Protein O-GlcNAcylation: Challenges and Advances</p> <p>Junfeng Ma</p> <p><i>Georgetown University, USA</i></p>
09:20-09:45	<p>New Quantitation Methods with High Accuracy, Precision, Dynamic Range and Multiplex Capacities</p> <p>Jianhui Liu</p> <p><i>Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China</i></p>
09:45-10:05	<p><i>Coffee Break</i></p>
<p>Session 10 Chair: Prof. Mingliang Ye</p>	

10:05-10:30	<p>The Preparation of Anti-interfering Materials for the Enrichment Studies of Peptidomics</p> <p>Ren'an Wu</p> <p><i>Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China</i></p>
10:30-10:55	<p>Proteomics-to-Diagnostics: Detection of Asymptomatic Plasmodium Falciparum Carriers in Human Saliva</p> <p>Dingyin Tao</p> <p><i>National Institutes of Health, USA</i></p>
10:55-11:20	<p>Novel biomaterials for Label-free Capture of Circulating Tumor Cells</p> <p>Lulu Han</p> <p><i>Dalian University of Technology, China</i></p>
11:20-11:25	<p>Closing Ceremony: Presided by Prof. Lihua Zhang</p>
11:25-13:30	<p><i>Lunch (DICP Dinning Hall 1)</i></p>