<table>
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<th>Monday, July 8</th>
<th>Tuesday, July 9</th>
<th>Wednesday, July 10</th>
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<td>10:30am – 12:00pm</td>
<td>10:35am – 12:00pm</td>
<td>10:15am – 12:00pm</td>
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<tr>
<td>Mudan Hall</td>
<td>Poster Presentations</td>
<td>4-6: Fundamentals of Boiling</td>
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<tr>
<td>11-1: Micro/Nano Scale Heat Transfer</td>
<td>11-3: Gas and Phase Change Flow and Heat Transfer at Small Scales</td>
<td>1-6: Cells</td>
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<td>Huaihua Hall #1</td>
<td>1-2: Droplets</td>
<td>1-4: Particles</td>
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<tr>
<td>3-1: Transport Phenomena on Solid-solid Interfaces</td>
<td>1-3: Electrokinetics</td>
<td>1-5: Flows</td>
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<td>Huaihua Hall #2</td>
<td>4-1: New Surfaces for Phase Change</td>
<td>2-1: Simulation in Nano-fluid Transport Phenomena on Solid-solid Interfaces</td>
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<td>4-2: New Surfaces for Phase Change -2</td>
<td>15-1: Heat and Mass Transfer Photograph</td>
<td>3-2: Droplet Dynamics</td>
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<td>Huaihua Hall #3</td>
<td>4-3: Condensation</td>
<td>3-3: Thin Liquid Film Transport Phenomena</td>
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<td>4-4: Condensation and Boiling</td>
<td>4-5: Flow Boiling</td>
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<td>4-8: Ultraviolet Transport and Ultraviolet Diagnostics</td>
<td>11-2: Liquid Flow and Heat Transfer at Small Scales</td>
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<tr>
<td>Baihe Hall #1</td>
<td>9-1: Thermal Transport in Nanowires and Nonofibers</td>
<td>11-3: Microscale Heat Mass Transfer -1</td>
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<td>9-3: Thermal Transport Through Thin Films and Interfaces</td>
<td>9-4: Molecular Dynamics and Monte Carlo Simulations of Nanoscale Conduction</td>
<td>11-4: Nanoscale Heat Conduction in Device Applications</td>
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<tr>
<td>Baihe Hall #2</td>
<td>2-2: Experimental Studies in Nanofluids</td>
<td>6-1: Energy generation and storage devices and systems</td>
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<td>14-1: Oscillating Heat and Mass Transfer in Capillaries</td>
<td>12-2: Micro/Miniature Two-Phase Devices/Systems II</td>
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<td>10-1: Microscale Heat And Mass Transfer-1</td>
<td>13-2: Micro/Nanoscale Transport in Cryopreservation</td>
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<td>Baihe Hall #3</td>
<td>10-2: New Methods In Microscale Study</td>
<td>6-2: Thermal Management in Energy Devices and Systems</td>
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<td>6-2: Thermal Management in Energy Devices and Systems</td>
<td>11-4: Two-Phase and Multi-Phase Flow and Heat Transfer at Small Scales</td>
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</table>
PLENARY/KEYNOTES AND SPECIAL SESSIONS

Sunday, July 7
5:00pm – 7:00pm  (Global Village Food Park)
Opening Reception
7:00pm – 9:00pm  (TBD)
Organizing Committee Meeting

Monday, July 8
8:00am – 8:30am  (Mudan Hall)
Welcome Session
8:30am – 9:05am  (Mudan Hall)
Tailoring Photons from the Sun and terrestrial Sources with Nanostructured for Energy and Water Nexus by Gang Chen
9:05am – 9:40am  (Mudan Hall)
Numerical Solutions of Nano/Micro phenomena Coupled with Macroscopic Process by Li Chen and Wen-Quan Tao
9:40am – 10:15am  (Mudan Hall)
Adsorbents related to energy, water and air by Ruzhu Wang
12:00pm – 1:00pm  (Global Village Food Park)
Attendee LUNCH
1:00pm – 1:35pm  (Mudan Hall)
Optimizing Complex Systems with AI Enabled PRS Platform by Chih-Ming Ho
1:35pm – 2:10pm  (Mudan Hall)
Coupled Micro/Nanoscale Heat and Mass Transfer in Bio-Manufacture by Zhanfeng Cui
2:10pm – 2:45pm  (Mudan Hall)
Transport Processes in the Deposition of Micro/Nanoscale Thin Films by Yogesh Jaluria
2:45pm – 3:20pm  (Mudan Hall)
Using Thermo-fluid Science to Tackle the Energy Storage Challenge by T.S. Zhao
6:00pm – 8:00pm  (TBD)
Technical Committee Meeting
6:00pm – 8:00pm  (Global Village Food Park)
Attendee Dinner

Tuesday, July 9
8:00am – 8:35am  (Mudan Hall)
Practice Your Scales! Thermal, Energy, and Bio Nanomaterials for Fast Processes by Timothy S. Fisher
8:35am – 9:10am  (Mudan Hall)
Micro-biotransport and its great impact on the survival of living cells and tissues during the cryopreservation process by Dayong Gao
9:10am – 9:45am  (Mudan Hall)
Nano Liquid Metal as New Generation Electronic Cooling Materials by Jing Liu
9:45am – 10:20am  (Mudan Hall)
Nano-Manufacturing for Enhanced Thermal Energy Storage, Cooling & Sensing by Deb Banerjee
12:00pm – 1:00pm  (Global Village Food Park)
Attendee Lunch
1:00pm – 1:35pm  (Mudan Hall)
Raman Spectroscopy Method for Measuring the Thermophysical Properties of Individual Nanoscale Materials by Xing Zhang
1:35pm – 2:10pm  (Mudan Hall)
Nanoengineered Materials for Enhanced Liquid-Vapor Phase Change by Evelyn N. Wang
2:10pm – 2:45pm  (Mudan Hall)
Development of flexible thermal superconductors by Sung Jin Kim
2:45pm – 3:20pm  (Mudan Hall)
Microscopic Observation of Mass Transfer Obstruction during Gas Hydrate Formation and Decomposition by Yongchen Song
6:00pm – 8:00pm  (Mudan Hall)
Awards Banquet

Wednesday, July 10
8:00am – 8:35am  (Huaihua Hall 1-3)
Synthesis and solar cell applications of single-walled carbon nanotubes co-axially wrapped with mono- and few-layer boron nitride nanotubes by Shigeo Maruyama
8:35am – 9:10am  (Huaihua Hall 1-3)
Recent Advances in Nanoscale Thermal Radiation by Zhuomin Zhang
9:10am – 9:45am  (Huaihua Hall 1-3)
Nature inspired solutions help drive research progress – from heat transfer to downhole oil-water separation by Yuying Yan
12:00pm – 1:00pm  (Global Village Food Park)
Attendee Lunch
6:00pm – 8:00pm  (Global Village Food Park)
Attendee Dinner