



Program at a Glance

SUNDAY, JUNE 15

4:00 PM Registration | 4:00-7:00 PM

6:00 PM Welcome Reception | 6:00-8:00 PM

MONDAY, JUNE 16

7:00 AM Registration | 7:00 AM-4:00 PM

7:30 AM Breakfast

8:00 AM Opening Ceremony

8:30 AM Plenary Speaker Mark O. McLinden, NIST

9:15 AM Plenary Speaker Mark B. Shiflett,
University of Kansas

10:00 AM Coffee Break

10:30 AM A1: Thermophysical Properties 1
A2: Refrigeration Oils

12:00 N Lunch

1:00 PM B1: Thermophysical Properties 2
B2: Not-in-Kind Technologies

3:00 PM Lab Tours | 3:00-5:00 PM

TUESDAY, JUNE 17

7:00 AM Registration | 7:00 AM-10:00 AM

7:30 AM Breakfast

8:30 AM Plenary Speaker Claudio Zilio, University
of Padova

9:15 AM Plenary Speaker Vikrant C. Aute, CEEE,
University of Maryland

10:00 AM Coffee Break

10:30 AM C1: Refrigerant Mixtures
C2: Condensation Heat Transfer

12:00 N Lunch

1:00 PM D1: Low-GWP Refrigerants for Heat Pumps
D2: Boiling Heat Transfer

3:00 PM Coffee Break

3:30 PM E1: Low-GWP Refrigerant Behaviors
E2: Heat Transfer Enhancements

5:30 PM Conference Banquet | 5:30-8:30 PM

WEDNESDAY, JUNE 18

7:30 AM Breakfast

8:00 AM F1: Workshop: Low-GWP Refrigerants and
Data Center Cooling Fluids

9:30 AM Coffee Break

10:30 AM F2: Workshop: AI/ML for Transport
Processes - Challenges and Opportunities

12:00 N Lunch & Closing Ceremony

*All sessions and meals will be in the A. James Clark Hall, 8278 Paint Branch Drive.
Plenary sessions, workshops and meals will be in Clark Hall's Stanley R. Zupnik '59 Forum (Room 1101).*

Sessions at a Glance (DRAFT)

MONDAY, JUNE 16

10:30 AM–12:00 NOON

A1: Thermophysical Properties 1

Chair: Mark O. McLinden

ID 1117
ID 1126
ID 1133
ID 1107

A2: Refrigeration Oils

Chair: Adrian Mota Babiloni

ID 1119
ID 1127
ID 1106
ID 1120

1:00–3:00 PM

B1: Thermophysical Properties 2

Chair: Mark B. Shiflett

ID 1146
ID 1125
ID 1111
ID 1121
ID 1134

B2: Not-in-Kind Technologies

Chair: Jinyoung Seo

ID 1157
ID 1130
ID 1128
ID 1118
ID 1122

3:00–5:00 PM

Lab Tours

TUESDAY, JUNE 17

10:30 AM–12:00 NOON

C1: Refrigerant Mixtures

Chair: Mitsuhiro Fukuta

ID 1112
ID 1105
ID 1165
ID 1138

C2: Condensation Heat Transfer

Chair: Akio Miyara

ID 1141
ID 1114
ID 1103
ID 1148

1:00–3:00 PM

D1: Low-GWP Refrigerants for Heat Pumps

Chair: Samuel Yanna Motto

ID 1100
ID 1101
ID 1150
ID 1108
ID 1153

D2: Boiling Heat Transfer

Chair: Claudio Zilio

ID 1142
ID 1139
ID 1140
ID 1147
ID 1167

3:30–5:00 PM

E1: Low-GWP Refrigerant Behavior

Chair: Lingnan Lin

ID 1124
ID 1109
ID 1115 [poster]

E2: Heat Transfer Enhancements

Chair: Marco Azzolin

ID 1129
ID 1123
ID 1163
ID 1131

WEDNESDAY, JUNE 18

8:00–10:00 AM

**Workshop: Low-GWP Refrigerants and
Data Center Cooling Fluids**

10:30 AM–12:00 NOON

**Workshop: AI/ML for Transport Processes
- Challenges and Opportunities**