

**Session 1:**                    **Percutaneous Access**  
Judge: Margaret Pearle, MD, PhD

1:00-1:05 p.m.                **Introduction**

1:05-1:15 p.m.                **Prone Triangulation**  
Nicole Miller, MD

1:15-1:25 p.m.                **Prone Ultrasound Guided**  
Thomas Knoll, MD

1:25-1:35 p.m.                **Prone Endo Guided**  
Bodo Knudsen, MD, FRCSC

1:35-1:45 p.m.                **Supine Fluoroscopy Guided**  
Brian Eisner, MD

1:45-1:55 p.m.                **Supine Ultrasound Guided**  
Thomas Chi, MD

1:55-2:00 p.m.                **Discussion**

**Session 2:**                    **Percutaneous Dilation**  
Judge: Peter Aiken, MD, PhD

2:00-2:05 pm                    **Introduction**

2:05-2:10 p.m.                **Standard PCNL**  
Ojas Shah, MD

2:10-2:15 p.m.                **Mini PCNL**  
Julio Davalos, MD

2:15-2:20 p.m.                **Micro PCNL**  
Mahesh Desai, MD

2:20-2:25 p.m.                **Ultra Mini PCNL**  
Janak Desai, MD

2:25-2:30 p.m.                **Discussion**

<b>Session 3:</b>	<b>Ureteroscopy</b> Judge: Demetrius Bagley, MD
2:30-2:35 p.m.	<b>Introduction</b>
2:35-2:40 p.m.	<b>Dusting no Sheath Single-Use Digital Flexible Ureteroscope</b> Brian Matlaga, MD, MPH
2:40-2:45 p.m.	<b>Dusting Sheath Digital</b> Khurshid Ghani, MD
2:45-2:50 p.m.	<b>Basketing no Sheath Fiberoptic</b> Timothy Averch, MD
2:50-2:55 p.m.	<b>Basketing Sheath Digital</b> Matthew Sorensen, MD
2:55-3:00 p.m.	<b>Discussion</b>
<b>Session 4:</b>	<b>Preventing CAOx</b> Judge: John Lieske, MD
3:00-3:05 p.m.	<b>Introduction</b>
3:05-3:15 p.m.	<b>Diet is All You Need</b> Kristina Penniston, PhD
3:15-3:25 p.m.	<b>Empiric Thiazides and Citrate</b> Glenn Preminger, MD
3:25-3:35 p.m.	<b>24 Hr Urine Guided Therapy</b> Jodi Antonelli, MD
3:35-3:40 p.m.	<b>Discussion</b>
<b>Session 5:</b>	<b>The Future is Bright</b> Judge: Dean Assimos, MD
3:40-3:50 p.m.	<b>Microbiome</b> Aaron Miller, PhD
3:50-4:00 p.m.	<b>Big Data</b> Charles Scales, Jr., MD
4:00-4:10 p.m.	<b>Macrophages</b> Paul Dominguez-Gutierrez, MD
4:10-4:20 p.m.	<b>Pushing the Envelope</b> Michael Bailey, PhD

- 4:20-4:30 p.m.      **Robotics**  
Mihir Desai, MD
- 4:30-4:40 p.m.      **Leverage the Beverage**  
John Asplin, MD
- 4:40-4:50 p.m.      **Biodegradable and New Materials in Ureteral Stents**  
Ben Chew, MD
- 4:50-5:00 p.m.      **Gotta Wear Shades**  
Dean Assimos, MD