

## leCAT 2020

### Session: Actuator Materials

Chair: **Prof. Dr. Kenji Uchino**

<b>Time (EST)</b>	<b>November 25<sup>th</sup></b>
<b>8:30 – 8:35</b> <i>Start</i>	<b>Prof. Dr. Kenji Uchino</b> , Penn State University, USA <i>Introduction of Session "Actuator Materials"</i>
<b>8:35 – 9:10</b> <i>Keynote talk 1</i>	<b>Prof. Dr. Clive Randall</b> , Penn State University, USA <i>Opportunities for Cold Sintering Materials for Capacitive and Piezoelectric Applications</i>
<b>9:10 – 9:45</b> <i>Keynote talk 2</i>	<b>Prof. Dr. Isaku Kanno</b> , Kobe University, Kobe, Japan <i>PZT thin films for Piezo MEMS: deposition, characterization, and application</i>
<b>9:45 – 10:20</b> <i>Keynote talk 3</i>	<b>Prof. Dr. Jongho Ryu</b> , Yeungnam University, Gyeongbuk, Korea <i>Piezoelectric Thick film fabrication by Aerosol Deposition; applications and advances</i>
<b>10:20 – 10:30</b> <i>Keynote talk 4</i>	<b>Wrap up and concluding remarks</b> , Session Chair <i>High Power Piezoelectrics – Future Trend</i>

Please note that the time zone is EST (Eastern Standard Time).

Keynote talk time: 30 min. talk and 5 min. q&a.