

11.18  
(Fri)

# International forum on LIBS applications IFLA-Hybrid-

- Date: November 18<sup>th</sup>, 2022 (13:00~18:55 JST)
- Place: Tokushima University, Building for Department of Mechanical Engineering 3 F (310) and Zoom
- Zoom URL:  
<https://us02web.zoom.us/j/82098378932?pwd=d09LcU9iV2dSQllBY3dXNVpDU2dLZz09>
- ID: 820 9837 8932
- Passcode: 635209
- Chairperson: Yoshihiro Deguchi

## Session 1(Sponsored by Tokushima University)

	<p><b>Professor</b> <b><u>Jozef Kaiser</u></b> CEITEC Brno University of Technology</p>		<p><b>Associate professor</b> <b><u>PAVEL POŘÍZKA</u></b> CEITEC Brno University of Technology</p>
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## Session 2&3 (Sponsored by The Japan Society of Mechanical Engineers, Chugoku-Shikoku Branch)

	<p><b>Professor</b> <b><u>Tetsuo Sakka</u></b> Kyoto University</p>		<p><b>Dr.</b> <b><u>Ikuo Wakaida</u></b> Japan Atomic Energy Agency</p>
	<p><b>Dr.</b> <b><u>Zita Salajkova</u></b> Istituto Italiano di Tecnologia</p>		<p><b>Professor</b> <b><u>Lianbo Guo</u></b> Huazhong University of Science and Technology</p>
	<p><b>Associate professor</b> <b><u>Zhenzhen Wang</u></b> Xi'an Jiaotong University</p>		<p><b>Professor</b> <b><u>Yoshihiro Deguchi</u></b> Tokushima University</p>

Schedule  
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## Session 1(Sponsored by Tokushima University)

13:00-13:40

**Professor Jozef Kaiser, Brno University of Technology, Czech Republic**  
“Establishing Laser-Induced Breakdown Spectroscopy in biology and clinical applications”

13:50-14:30

**Associate professor PAVEL POŘÍZKA, Brno University of Technology, Czech Republic**  
“Laser-Induced Breakdown Spectroscopy for Industry 4.0 and Space research”

## Session 2 (Sponsored by The Japan Society of Mechanical Engineers, Chugoku-Shikoku Branch)

14:40-15:10

**Professor Tetsuo Sakka, Kyoto University, Japan**  
“Absorption lines in underwater LIBS”

15:20-15:50

**Dr. Ikuo Wakaida, Japan Atomic Energy Agency , Japan**  
“Challenge of On-site, In-situ Screening analysis for Nuclear debris under Extremely hard Radiation condition in decommissioning of “Fukushima” ”

16:00-16:10

**Coffee Break**

## Session 3 (Sponsored by The Japan Society of Mechanical Engineers, Chugoku-Shikoku Branch)

16:10-16:40

**Dr. Zita Salajkova, Istituto Italiano di Tecnologia, Italy**  
“The principle and applications of Nanoparticle Enhanced Laser Ablation.”

16:50-17:20

**Professor Lianbo Guo, Huazhong University of Science and Technology, China**  
“Fundamentals, methods, and applications of laser-induced breakdown spectroscopy”

17:30-18:00

**Associate professor Zhenzhen Wang, Xi’an Jiaotong University, China**  
“Spectral characteristics of solid sample measurement using LIBS”

18:10-18:40

**Professor Yoshihiro Deguchi, Tokushima University, Japan**  
“LIBS applications of online monitoring for advanced control of industrial processes”

18:50-18:55

**Closing**