

January the 24th
13.00 - 14.30 CEST

Online with
Microsoft TEAMS

State-of-Art NIR Spectroscopy for Wood Science and Technology

This presentation from the **Laboratory System Engineering for Biology** team from Nagoya University introduces a scientific and technical state-of-art on near infrared (NIR) spectroscopy applied to the area of wood science and technology. The NIR technique is useful to detect chemical, physical, mechanical and anatomical properties of wood materials, although it was widely used when wood's characteristic cellular structure was retained. Basic spectroscopic research for wooden material has progressed and it could be a powerful and meaningful analytical spectroscopic tool.



**Graduate School of Bioagricultural
Sciences, Nagoya University**
<http://nu-agr-se.flier.jp/english>

Professor Dr. Satoru Tsuchikawa leads his team in researching complex spectral information using theoretical equation, chemometrics and machine learning. He was awarded the Gerald S. Birth Award by the Council for Near Infrared Spectroscopy in 2018, and has published more than 400 peer-reviewed papers.

Information on the 25th International Wood Machining Seminar (IWMS-25), to be held in Nagoya, Japan from October 4-8, 2023, will also be provided.

Professor Dr. Satoru Tsuchikawa
Associate Professor Dr. Tetsuya Inagaki
Designated Lecture Dr. Te Ma



SCAN QR Code

Or

<https://bit.ly/3W9XOWA>

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INFORMATIONS

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