

DIGITAL SPRING SCHOOL IN BIO-RESOURCES AND ENVIRONMENTAL ENGINEERING (DSSBEE2022)

March 7, 2022 | Online via ZOOM

Session of Biomaterials and Forest Products



10:00-



Degree programs and how to join, and overview of studies in paper device and eco-friendly materials laboratory

Toshiharu Enomae

Professor, University of Tsukuba

10:10-



Utilization of Biomaterials for Water Purification: Dyes, Heavy Metals, and Pharmaceuticals

Lusi Ernawati

Lecturer, Institute of Technology Kalimantan, Indonesia

10:40-

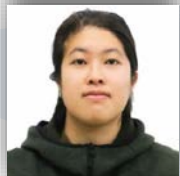


Food packaging waste valorization: from waste to advanced materials

Abdul Halim

Lecturer, Universitas Internasional Semen Indonesia

11:10-



Development of modification Polycaprolactone by using Maleic Anhydride with high percentage grafting

Thangunpai Kotchaporn

PhD candidate, University of Tsukuba

11:30-



Biomass utilization in pulping and papermaking

Kuntinee Suvarnakich

Lecturer, Chulalongkorn University, Thailand

12:00-

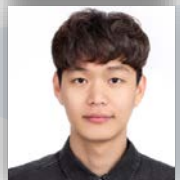


Preparation of antimicrobial β -cyclodextrin microcapsules for food packaging using *Houttuynia cordata* Thunb. Extract

Peifu Kong

MSc candidate, University of Tsukuba

12:15-



DNA Analysis of *Broussonetia papyrifera*, a fiber source of Japanese Traditional Paper

Min-Soo Shin

Bachelor candidate, University of Tsukuba

12:30-



Production of EFB (Empty Fruit Bunch) mechanical pulps using Taizen's pilot plant

Evi Oktavia

Senior researcher, Center for Pulp and Paper (CPP), Indonesia

13:00

Adjourn



筑波大学
University of Tsukuba

Contact: Toshiharu Enomae
Faculty of Life and Environmental Sciences, University of Tsukuba

https://www.eng.bres.tsukuba.ac.jp/dss_bio-resources_and_environmental_engineering_202203.html