

ARN Biomaterials Workshop

Venue : Auditorium of Research Center for Biomaterials

Date : Tuesday, 31 October 2017

Program

MC: Lilik Astari

13.00-13.05 Greeting by MC

13.05-13.15 Prof. Dr. Sulaeman Yusuf (RC for Biomaterials, LIPI)
Welcoming and opening speech

Moderator: Dr. Lisman Suryanegara

13.15-13.45 Prof. Dr. Hiroyuki Yano (Lab. of Active-biobased Materials, RISH)
Research on nanocellulose at RISH

13.45-14.00 Dr. Khoirul Himmi S.(RC for Biomaterials, LIPI)
Exploring Termite Biodiversity in Batam (Sumatra) and Kuningan
(West Java) Indonesia

14.00-14.15 Soichi Tanaka (Lab. of Sustainable Materials, RISH)
Amount of chemicals in cell walls controlled by conditioning of
solution-impregnated wood.

14.15-14.30 Dr. Riksfardinie Annisa E (RC for Biomaterials, LIPI)
Metabolic Engineering of C4 Grasses for Biofuel Application

14.30-14.45 Masaya Nagai (Laboratory of Sustainable Materials, RISH)
Characteristics of wood impregnated with sucrose, citric acid, and the
mixture of them

14.45-15.00 Dr. Dede Heri YY (RC for Biomaterials LIPI)
Potential of Indonesian White Rot Fungi as Bioremediating Agents of
Textile Dyes-, Crude Oils-, and PAHs- Contaminated Environment

- 15.15-15.15 Kamii Nakamura (Lab. of Sustainable Materials, RISH)
Liquid permeation into wood influenced by impact pressure applied on surrounding liquid
- 15.15-15.30 Coffee break
- 15.30-15.45 Hiroki Yatsui (Lab.of Active-biobased Materials, RISH)
Fabrication of cellulose nanofibers/nanosized emulsions composites
- 15.45-16.00 Dr. Maya Ismayati (RC for Biomaterials, LIPI)
Study on Tannin from Bark Waste of Acaciaand Its Utilization as Natural Preservtive Towards Subterranean Termite
- 16.00-16.15 Xianpeng Ynag (Lab. of Active-biobased Materials, RISH)
Plug flow reactor inspired modification of cellulose nanofiber for preparation of stiff hydrogels
- 16.15-16.30 Dr. Lisman Suryanegara .(RC for Biomaterials, LIPI)
Improvement of Thermal and Mechanical Properties of Composite Based on PLA and MFC Trough Chemical Modification
- 16.30-16.45 Jiahua Zhou (Lab. of Sustainable Materials, RISH)
Introduction of new natural adhesives in our laboratory
- 16.45-17.00 Closing speech by Prof. Dr. Subyakto
- 17.00-18.00 Break
- 18.00-21.00 Dinner