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Nota di contenuto	<p>Coconut milk-cells encapsulation: A model for protecting Lactobacillus spp -- The Potential of Kapok/Cellulose Nanofiber Aerogel as Oil Absorbent -- Color and Surface Characteristics of Impregnated Wood Melamine Formaldehyde Furfuryl Alcohol and Nano-SiO₂ -- Eco-Friendly Particleboard Made of Alang-Alang/Sorghum Bagasse Mixture Bonded with Citric Acid-Sucrose -- Isolation of Cellulose and Starch from Mango Golek (<i>Mangifera indica</i> L) Seed Shells and its characterization as Potential New Biocomposites -- The Enhancement on Sun Radiation Resistancy of Mulch based on LLDPE/ Cornhusk Cellulose -- Optimization of Pressing Temperature and Pressing Time Sweet Sorghum Bagasse Moulding Bonded by Sucrose-Citric Acid Binder -- Versatile Access to 1,3,5-Trisubstituted 5'-Hydroxyimidazolidine-2,4-diones (Hydantoins) from -Keto Acids and Carbodiimides: Towards the Synthesis of Marine Thermochromic Polyandrocarpamide D -- Protease Stabilities of Lactobacillus fermentum EN17-2 and Lactobacillus plantarum B110 Indigenous at Various Storage Temperatures and Times -- Formaldehyde Free</p>

Sommario/riassunto

This book presents the selected papers from the 1st International Conference of Lignocellulose, held as a virtual conference in Bogor, Indonesia, on September 13—14, 2021. The papers include contributions from researchers, scientists, academia, and practitioners covering topics from the field of biomass conversion, bio-based smart materials, forest, and environment, enhancing mitigation for climate change, radar and atmospheric science, and socio-economy in sustainable development goals. This event was organized by Japan Society for the Promotion of Science (JSPS) Alumni Association of Indonesia in collaboration with Research Center for Biomaterials, Indonesian Institute of Sciences, Indonesia.