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Nota di contenuto	-- Experimental study on the performance properties of bio-based polymer modified binder in surface course materials on the A30. -- Use Of Kraft Lignin As An Asphalt Modifier: Chilean Experience. -- Laboratory evaluation of the performance of bio-binders in conjunction with WMA & RA. -- Time travel through asphalt bio-binder innovations. -- Field-trial and outdoor chemical aging characterization of a biosourced clear binder. -- Performance Evaluation of Recycled Asphalt Mixes Composed of Waste Wood Bio-Oil. -- Long-term ageing resistance of bio-based rejuvenated asphalt mix against cracking, etc.
Sommario/riassunto	This volume highlights the latest advances, innovations, and applications in biomaterials for road pavements, as presented by leading international researchers and engineers at the 2nd International Workshop on the Use of Biomaterials in Pavements, held in São Paulo,

Brazil on September 23-24, 2024. It covers a diverse range of topics concerning the roadmap for biomaterial integration in road materials, including: bio-based binders and additives, recycled biomass and waste materials, environmental impact and sustainability assessment, recyclability and circular economy, testing methods and performance evaluation. The contributions, which were selected by means of a rigorous international peer-review process, present a wealth of exciting ideas that will open novel research directions and foster new multidisciplinary collaborations.