**In this issue**

Gervais Sawyer

| Manuscript No | IWP No | Title                                                                 | Copy                                                                 | Author name and contact e-mail                                      | Photo |
|---------------|--------|----------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|-------|
|               |        | Verification of the photogrammetric approach on the torsion test method for timber beams | Glulam beams may be subjected to torsional loads and these are difficult to monitor by traditional means. Ahmed Mohamed at Napier University, Edinburgh, Scotland examined whether a photogrammetric approach could be used. This study explores the verification of this method. | Ahmed Mohamed A.Mohamed2@napier.ac.uk | ![Ahmed Mohamed](image1.jpg) |
|               |        | Effect of lignin on the physical-mechanical properties of particleboards made with pine/hydrangea stems | Juna Martinez at the Universidad Pontificia Bolivariana, Colombia has investigated the effect of adding different lignins to the adhesive for particleboards made of pine and hydrangea stems (a plentiful local resource). | J. Juan D. Martinez juandavid.martinez@upb.edu.co | ![Juna Martinez](image2.jpg) |
|               |        | A Morphology of Wood Degradation and Flame Retardants Wood Coating Technology: An Overview | Pundalik Mali at the Pratap College Amlner, India, has reviewed the history of flame retardent coatings for wood, and discusses the most promising treatments that can lead the way to more effective, but less intrusive, future products. | Pundalik Mali pundalik.mali@gmail.com | ![Pundalik Mali](image3.jpg) |
|               |        | Impact of Crumb Rubber Reinforcement on the Properties of Wood-Plastic Composites | Crumb rubber from motor tyres can be used to reduce the environmental effect of tyre disposal. Libin Babu at North Park University, Chicago, USA, has investigated the potential for using this material in the manufacture of wood plastic composites. The paper considers mechanical properties as well as heat release during combustion and CO2 release. | Libin Babu lkbabu@northpark.edu | ![Libin Babu](image4.jpg) |
|               |        | Physico-mechanical Properties of Wood-plastic Composites from Triplochiton scleroxylon K. Schum wood-residue and post-consumer polyethylene waste as construction materials | In Ghana, considerable plastic waste arises from the distribution of drinking water in polyethylene sachets which is an environmental pollutant. Charles Antwi-Boasiako at the Kwame Nkrumah University investigated the potential of using this plastic waste to make WPCs with Triplochiton scleroxylon sawdust using an extrusion process. | Charled Antwi-Boasiako cantwiboasiako@gmail.com | ![Charles Antwi-Boasiako](image5.jpg) |

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|               | Compatibility of preservative with adhesive in Eucalyptus grandis laminates | Coenraad Brand Wessels cbw@sun.ac.za |

The plentiful supply of Eucalyptus grandis from plantations is finding use in laminated products such as glulam and CLT. Since this species needs preservative treatment, Coenraad Wessels at Stellenbosch University, South Africa has investigated the possible effects of preservative treatments on the performance of adhesives.