



### Structures Division Update – September 2017

Dear Structure Division Members:

“The Structure Division represented by its Wood Committee participated recently in editing the Fall 2017 issue of the CSCE CIVIL Magazine. The theme of this issue was “Wood Structures” and the technical editor was Dr. Mahdy Hamada, member of the Wood Committee. The issue included an article written by Mahdy Hamada, Michael Baldinelli and Graeme Baker (SBM Engineering) entitled *“Building Tall in Light-Framed Wood”*, which discussed the latest advances in analysis and design of Light-framed multi-storey wood building. Professor Asif Iqbal (UNBC) and Dr. Marjan Popovski (FPInnovations) authored the article *“Post-tensioned Timber Structure: A Novel Solution for Multi-storied Buildings”*.

The article presented the evolution of the concept of Post-tensioned Timber Structures and the findings of the research conducted on those structures. The third article was written by Paul Fast and Robert Jackson (Fast + Epp), where they discussed the structural design of the tallest contemporary wood building in the world<sup>1</sup>. The three articles provided leading-edge innovative research and practice related to wood structures.”

<sup>[1]</sup> *The Sakyamuni Pagoda of Fogong Temple built in China in 1056 stands 67.31 m (220.83 ft) and is the tallest wood building in the world.*

Regards,

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