

Keynote title: *Wood species for the violin bow*

Voichița BUCUR

**Adjunct Professor, RMIT University, School of Science
Melbourne AUSTRALIA**

She has expertise in wood science; ultrasound, mechanical characterisation of materials, nondestructive testing of wood, wood products, wood – based composites, trees, materials for musical instruments.

During last years, she was awarded numerous prizes: *2021 Medal RWB Stephens, Medal of the Institute of Acoustics UK for outstanding contributions to acoustics research or education; 2019 - Fellow of the International Academy of Wood Science; 2007 - Distinguished Services Award for outstanding research contributions on acoustics and its application to non-destructive testing of wood -Forest Products Laboratory US; 2004 –Silver Medal – Société d’encouragement au progrès Paris, France.* Over time she had a rich international activity:

Activity in Australia: Adjunct Professor RMIT University Melbourne since May 2016 to present; *Visiting Senior scientist - Honorary Fellow at CSIRO – Forestry & Forest Products and Materials Science July 2006 - January 2016.*

Activity in France: *Project leader at Forestry Research Centre in Nancy from 1978 to 2005 in charge with the development of acoustic (ultrasonic) nondestructive techniques for quality improvement of wood and wood - based products - retired January 2006 -age limitation. Collaborator with University Henry Poincare Nancy, University Clermont Ferrand, School of Mines St Etienne for Ph D thesis and Master degree in Wood Science.*

Activity in Romania: *Professor – honorary, University of Transilvania since 8 January 1999; Project leader at Wood Research Institute Bucharest 1965 – 1978; Engineer of technology in sawmill industry 1962-1965.* She is currently Adjunct Professor, RMIT University, School of Science Melbourne AUSTRALIA.