

Conference Agenda

Wednesday 7th September 2016

9:00 Registration begins · Sala 4 Alicia de Larrocha

9:45 Welcome address, Jaume Ayats · Director of MDMB

Session I - Chair: Christina Young

10:00 Keynote · White Mulberry and Walnut for Iranian Musical Instruments
Aida Se Golpayegoni

10:45 Historical and Contemporary Non-Occidental Long-Neck Lutes: Relationships between Making Strategies, Acoustic Silhouette and Musical Aesthetic
Henri Boutin, Farrokh Vahabzadeh, Sandie Le Conte, Philippe Bruguière

11:10 Traditional and Physico-Acoustical Grading of African Padouk (*Pterocarpus Soyauxii*) Wood for Xylophones
Straže A., Mitkovski B., Tippner J., Čufar K., Gorišek Ž.

11:35 Coffee Break

Session II - Poster pop up talks - Chair: Enric Guaus

12:05 On the Effect of Material in the Acoustics of Flutes
Lamberto Tronchin, Alberto Amendola

Identification Issues of Wood in Music Instruments

Piotr Borysiuk, Lesława Ciach, Agnieszka Jankowska, Paweł Kozakiewicz, Agnieszka Kurowska

Collaborating with Acousticians, Musicologist & Flute Makers: Towards the Conception of a 19th Century Flute

Camille Vauthrin, Cassandre Balosso-Bardin, Patricio de la Cuadra, Roosen Flute, Benoît Fabre

Reverse Engineering and a Reconstruction of the 'Van Eyck' Organ

Andrzej Perz, Jan Boon, Patrick De Baets, Francis Ponsele

Using Input Acoustic Impedance to Propose the Best Restoration Material

Efstathios Doganis, Sandie Le Conte, Anastasia Pournou

Acoustic Wood Properties of Norway Spruce Growing in the Ukrainian Carpathians

Ivan Sopushynskyy, Charles David Ray, Serhiy Zhmurko, Viktor Borisov, Ivan Kharyton, Mykola Sopushynskyy

Documenting the Construction Technology of a Portable Wooden Pump Organ

Christina Sperantza, Anastasia Pournou

A Window on the World of Guitars of Granada, the city of Guitar-Makers

Daniel Gil de Avalle, Enca González

Relationships between Quantitative Anatomy, Microstructure, and Vibrational Properties of Wavy Maple Wood

Ahmad Alkadri, Capucine Carlier, Patrick Langbour, Iris Brémaud

Assessment of Volatile Organic Compounds (VOCs) Emission from Wood Applied to the Conservation of Wooden Musical Instruments

Martina Sassoli, Marco Fioravanti

Methodical Center of Documentation, Conservation and Restoration of Musical Instruments (MCMI)

Adam Bitljan, Tereza Žůrková

Changes in Vibrational Properties of Coated Wood Through Time from Application of Varnish, with Recipes Used in European or Iranian String Instruments Making

Iris Bremaud

13:00	Lunch
Session III - Chair: Anastasia Pournou	
14:00	Tonewood Selection: Physical Properties and Perception as Viewed by Violin Makers <i>Capucine Carlier, Iris Brémaud, Joseph Gril</i>
14:25	Self-Destructive Elements in the Construction of Guitars in the Nineteenth Century <i>Jonathan Santa Maria Bouquet</i>
14:50	Influence of Different Bridge Timbers on the Resonance Behavior of Acoustic Guitars in the Traditional Maccaferri Design - Preview <i>Volker Haag, Niko Plath</i>
15:15	Driving Point Mobilities of a Concert Grand Piano Soundboard in Different Stages of Production <i>Niko Plath, Florian Pfeifle, Christian Koehn, Rolf Bader</i>
15:45	Coffee Break
16:30	Session IV - Chair: Sandie Le Conte Activity reports: Short Term Scientific Missions, FM and Training Schools
19:30	Dinner

Thursday 8th September 2016

Session V - Chair: Paul Poletti

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| 9:00 | Keynote · Wood, Gut and Compass. Strategies for Making String Instruments in the Iberian World (XVI- XVIII Centuries)
<i>Cristina Bordas Ibáñez</i> |
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9:45	Wood-Wind Craftwork and Numerical World: An Experience <i>Pierre Ribo, Fritz Heller, Roberto Bando, Frank Kamper</i>
10:10	A Study of the Life, Instruments and Working Methods of the 18 th Century Violin Maker Benoit Joseph Boussu - A Presentation of the Project <i>Geerten Verberkmoes</i>
10:35	Evaluating the Use of Industrial X-Ray CT to the Reverse Engineering of Bowed Stringed Instruments <i>Francesco Piasentini, Andrea Scanavini, Simone Carmignato, Valentina Aloisi, Manuel Rigodanza</i>
11:00	Coffee Break
Session VI - Chair: Carmen-Mihaela Popescu	
11:30	Reconstruction of Oboes Made by Christophe Delusse: from the Material Sources to the Sounding Instrument <i>Stéphane Vaiedelich, Bruno Salenson, Sandie Le Conte, Lola Soulier, Thierry Maniguet</i>
11:55	Rethinking the Possibilities of a Notched Flute: The Case of Quena <i>Cassandra Balosso-Bardin, Patricio de la Cuadra, Camille Vauthrin, Benoit Fabre</i>
12:20	The Contribution of Archival Research in the Field of Organology in Particular Regarding Musical Instrument Builders <i>Maria da Gloria Leitao Venceslau</i>
13:00	Lunch
14:00	Visit to the Museu de la Música de Barcelona
15:00	Session VII - Chair: Prof. Marco Fioravanti Round-Table Discussion
16:30	Coffee Break
21:00	Concert - Parròquia de Santa Anna

Friday 9th September 2016

Session VIII - Chair: Pascale VANDERVELLEN	
9:00	Keynote · Wood as a Window: Keyboard Instruments in Their Global Context <i>John Koster</i>
9:45	A New Approach to the Design of Cremonese Violins, Using the Roman Oncia <i>Simone R. Zopf</i>
10:10	Modal Analysis Illuminates the History of the Soundpost <i>George Stoppani</i>

10:35 Methodologies and Tools for Characterising Stringed Musical Instruments in the Maker's Workshop

Francois Gautier, Frederic. Ablitzer, Guilherme. Paiva, Bertrand David, Marthe Curtit, Mathieu Sécaïl, Emmanuel Brasseur, Gautier. Michelin

11:00 Coffee Break

Session IX - Chair: Simone Zopf

11:30 The Industrialisation of the Early Pedal Harp: Detecting Evidence on Wood and Metal

Panagiotis Pouloupoulos, Marisa Pamplona, Luise Richter

11:55 Ruckers Harpsichords: Specific Acoustic Silhouette?

Sandie Le Conte, Pascale Vandervellen

12:20 The Impact of the Second World War on Piano Manufacturing in Britain

Sarah K Deters

12:45 Closing

13:00 Lunch

14:30 **Management Committee Meeting**
