

International conference program 18 July 2024

"Interdisciplinary approach to musical instruments - from design and testing to the audience"

Interval orar	Activities	Invited speaker
8.00 – 09.00	Registration of participants/ Coffee welcome	Secretariat:
Vernissage exhibition of luthiers' musical instruments (in the foyer of Aula)		
09.00 – 09.05	The national anthem of Romania	AP Studio
09.05 – 09.15	The project briefing "Qualitative, dynamic and acoustic analysis of anisotropic systems with modified interfaces" (ACADIA)	prof. dr. eng. Mariana Domnica Stanciu, Project coordinator
09.15 – 09.25	Welcome Address from Rector of Transilvania University of Brasov	prof. dr. eng. Ioan Vasile Abrudan, Rector of Transilvania University of Brasov
09.25 – 09.35	Welcome Address from Asociația Artiștilor Lutieri din România, Reghin	President of AALR, Florin Alin Stoica
09.35 – 09.40	Welcome Address from Music Center of Transilvania University of Brasov	Prof. dr. Stela Drăgulin, Director of Music Center - Transilvania University of Brasov
09.40 – 10.00	Welcome Address from Romanian Parliamentary - Committee for Education	Dr. Dumitrița Gliga, Chairperson of Committee for Education, Romanian Parliamentary
Plenary lectures 1 / Moderator prof. dr. eng. Way Long & prof. dr. eng. Mihaela Câmpean		
10.00 – 10.20	The epic of the violin in cult music	lecturer dr. Alexandra Belibou (Transilvania University of Brașov, Romania)
10.20 – 10.40	From the chemistry of the Renaissance to the renaissance of violin making	Prof. dr. Joseph Nagyvary (Texas A&M University)
10.40– 10.45	Questions&Discussion	
10.45 – 10.55	Applications of image analysis in identifying the constructive characteristics of historical violins	Assoc. prof. dr. Robert Cristian Purdoiu (USAMV Cluj Napoca, Romania)
10.55 – 11.00	Questions&Discussion	
11.00 – 11.30	Coffee Break	
Plenary lectures 2 / Moderator: prof. dr. Joseph Nagyvary & prof. dr. eng. Lidia Gurau		
11.30 – 11.45	Phenotypic and structural descriptors of the acoustic quality of resonance wood	Prof. dr. eng. Florin Dinulică (Transilvania University of Brașov, Romania)
11.45 - 11.50	Questions&Discussion	
11.50 – 12.05	The "Modal Accompaniment" of a Violin Crafting Process	Lecturer dr. Özge Akar (Institute of Applied Mechanics, Friedrich-

		Alexander-Universität Erlangen-Nürnberg, Germany)
12.05 – 12.10	Questions&Discussion	
12.10 – 12.25	Violin sound source characteristics by using the microphone array analyzes	Prof. dr. eng. Way Long (National Pingtung University of Science and Technology, Taiwan)
12.25 – 12.30	Questions&Discussion	
12.30 – 12.45	Spectral Kurtosis as a new method to explore the acoustic signatures of violins	Assoc. Prof. dr. Nicolae Crețu (Transilvania University of Brașov, Romania)
12.45 – 12.50	Questions&Discussion	
12.50 – 13.10	" Violin – in folk music"	Prof. dr. Mădălina Rucsanda (Transilvania University of Brașov, Romania)
13.10 – 13.20	Group photo	
13.30 – 14.30	Lunch + coffee	
Plenary lectures 3 / Moderator prof. Özge Akar & prof. Brenci Luminița		
14.30 – 14.45	Virtual instrumentation, remote technologies in engineering and music education	Prof. dr. Phys. Doru Ursuțiu (Transilvania University of Brașov, Romania)
14.45 – 14.50	Questions&Discussion	
14.50 – 15.00	Romanian inventions and inventors in the field of musical instruments	Prof. dr. eng. Gheorghe Manolea (Technical Sciences Academy of Romania - ASTR)
15.00 – 15.05	Questions&Discussion	
15.05 – 15.15	Romania on the world map of musical instrument manufacturers	Luthier Ion Paul Bândilă (Asoc. Artistilor Lutieri din Romania, Reghin Romania)
15.15 – 15.20	Questions&Discussion	
15.20 – 15.30	Wood species for the violin bow	Prof. dr. Voichița Bucur (RMIT University, School of Science Melbourne Australia)
15.30 – 15.35	Questions&Discussion	
15.35 – 15.55	Cultural Soundscapes: The Violin in Chinese and Turkish Heritage	Magdalena Suciu & Botond Szócs (Transilvania University of Brașov, Romania)
15.55 – 16.00	Final remarks	Moderator prof. dr. eng. Mariana Domnica Stanciu (Transilvania University of Brașov, Romania)
16.00 – 18.00	Free schedule	
18.00 – 19.00	Concert ROMANIA UNIVERSALIS - The road to freedom	organized by the Music Center of Transilvania University of Brasov
19.30 – 23.00	Gala dinner	