

## Program of the 43<sup>rd</sup> ARA Congress

Sunday, 9 June 2019

Venue: Eschilou 17, Thessaloniki 546 34, Greece

### PIANO RECITAL

17.30 – 19.00

**Botond SZÖCS**

**Frédéric Chopin – The Science of Music and the Music of Science**

Program

Ballade No.1 in G Minor, Op.23; Ballade No. 2 in F Major, Op.38; 24 Preludes, Op. 28

Monday, 10 June 2019

Venue: Aristotle University of Thessaloniki, Greece, University Campus, 54124, KEDEA Building, Research Dissemination Center

10.00 – 10.30

Participants' registration

### OPENING CEREMONY

10.30 – 11.00

**Sabina-Mădălina ȘOMĂCESCU** – General Consul, Consulate General of Romania in Thessaloniki, Greece, ARA 43 Congress Co-Chair

**Gregory W. PFLEGER, Jr.** – Consul General, The American Consulate General in Thessaloniki, Greece

Prof. **Emil CONSTANTINESCU**, PhD, President of Romania (1996 – 2000), President of the Institute for Advanced Studies in Levant Culture and Civilization, The Ancient Greek Myths and Education Based on Knowledge of Human Nature

Prof. **Pericles A. MITKAS**, PhD – Rector of Aristotle University of Thessaloniki, Greece, ARA 43 Congress Honorary Host

**Lucian DINDIRICĂ**, PhD – Manager of Dolj County Library “Alexandru & Aristia Aman”, Craiova, Romania, ARA 43 Congress Chair

Prof. **Apostolos PATELAKIS**, PhD – Institute for Balkan Studies, Thessaloniki, Greece, ARA 43 Congress Host

Prof. **Ruxandra VIDU**, PhD – University of California, Davis, USA, ARA President, ARA Board of Directors, ARA 43, Congress Honorary President

### PLENARY SESSION (I)

11.00 – 13.00

Chair: **Ruxandra VIDU**

11.00 – 11.40

**President Emil CONSTANTINESCU**,

The Intelligent Management of Mineral Resources as Foundation of Sustainable Development Strategy

	<p>11.40 – 12.00  <b>Luiza NIȚĂ</b>,  Short Presentation of the Institute for Advanced Studies in Levant Culture and Civilization, Centre of Excellence of the World Academy of Art &amp; Science</p> <p>12.00 – 12.20  <b>Earl CARSTENS</b>  New Neuroscience Tools to Study Itch and Pain</p> <p>12.20 – 12.40  <b>Cosmin M. COTRUȚ</b>  Surface Engineering Design in the Biomedical Field</p> <p>12.40 – 13.00  <b>Mircea Alexandru MATEESCU</b>, Pompilia ISPAS-SZABO, Canh TIEN LE, Wilms BAILLE,  Sample Self-Assembled Materials for Challenging Drug Formulations, Cultured Cells Devices and Vascular Grafts</p>
13.30 – 15.00	<b>Lunch</b>
15.20 – 17.00	<p style="text-align: center;"><b>PLENARY SESSION (II)</b></p> <p><b>Chair: Dumitru TODOROI</b></p> <p>15.20 – 15.40  Samar DABBABI, Tarek Ben NASR, Ajili MEJDA, A. GARCIA-LOUREIRO, <b>Najoua KAMOUN-TURKI</b>,  Simulation of FTO/Co-ZnO/CuO Hetero-Junction Structure for Efficiency Improvement of Solar Cell Application</p> <p>15.40 – 16.00  <b>Diana M. VRÂNCEANU</b>, Elena UNGUREANU, Mihaela DINU, Andrey KOPTYUG, Roman A. SURMENEV, Alina VLĂDESCU, <b>Cosmin M. COTRUȚ</b>,  Functionalization of Electron Beam Melting Manufactured Surface by Electrochemical Deposition of Hydroxyapatite</p> <p>16.00 – 16.20  Michel Joel Tchatchueng KAMMEGNE, <b>Lucian Teodor GRIGORIE</b>, Ruxandra Mihaela BOTEZ, Mahmoud MAMOU, Yousef MEBARKI,  Morphing Technology – Experiments on a Real Regional Aircraft Wing</p> <p>16.20 – 16.40  <b>Ioana IONEL</b>, Delia Gabriela CĂLINOIU, Mihai Ramon BALOGH,  Dreaming Becomes True</p> <p>16.40 – 17.00  <b>Dumitru TODOROI</b>, Diana MICUȘA, Nicoleta TODOROI, Elena NECHITA, Tinca BELINSKI, Dumitru MICUȘA,  Age-Friendly Procedures in Rural Localities of Moldova</p>
17.00 – 17.30	<b>Coffee Break and Poster Viewing</b>

17.30 – 18.00

**ANNIVERSARY SESSION**  
**dedicated to**

**Prof. Maria MANOLIU-MANEA & Architect Dino TUDOR**

**Tuesday, 11 June 2019**

**Venue: Aristotle University of Thessaloniki, Greece, University Campus, 54124, KEDEA Building, Research Dissemination Center**

**PLENARY SESSION (III)**

Chair: **Najoua KAMOUN-TURKI**

10.00 – 10.20

**Tudor Ștefan LEAHU**, Ala COTELNIC, Veaceslav PERJU,  
The Information Interconnections, as a Contributing Factor to the Automatic Achievement of Informative Issues within the Framework of the Integrated Economic Management System

10.00 – 12.20

10.20 – 10.40

**Ajilia MEJDA, Najoua KAMOUN-TURKI**,  
Substrate Temperature Effect on the Structural and Optical Properties of CuO Thin Films for Photovoltaic Applications: Novel Low-Cost Perspective

10.40 – 11.00

**Basil NIKAS**, Eugene HRISTEV, Sergiu TUTUNARU,  
Moldova One-Stop 4-Data

11.00 – 11.20

**Stela DRĂGULIN, Mihaela ITIGAN**,  
Interpretative Trends of Beethoven's Ornamentation

11.20 – 11.40

**Chayma NEFZI, Mehdi SOULI, M. Luisa DOTOR CASTILLA, J. L. COSTA-KRĂMEB, Jorge M. GARCÍA, Najoua KAMOUN-TURKI**,  
Effect of Cu<sub>2</sub>FeSnS<sub>4</sub>(CFTS) Multi-Layeron Sensitivity Improvement of CFTS-3/In<sub>2</sub>S<sub>3</sub>/SnO<sub>2</sub>:F Heterojunction to Remove Organic Pollutant

12.00 – 14.00

**Lunch**

**ROUND TABLE**

**The "VINTILĂ HORIA" Case: A History in Re(Writing)**  
organized by Dolj County Library "Alexandru & Aristia Aman"

14.20 – 16.20

Chair: **Constantin CRĂIȚOIU & Adela CALOTĂ**

14.20 – 14.35

**Adela CALOTĂ**,  
Vintilă Horia: Exile as Literary Creation & Exile as Ontological Fact

	<p>14.35 – 14.50  <b>Mihai CIUREA</b>,  Vintilă Horia and the Christian Ethos</p> <p>14.50 – 15.05  <b>Constantin CRĂIȚOIU</b>,  The Cultural Patterns of Survival and Expression of the Romanian Exile</p> <p>15.05 – 15.20  <b>Lucian DINDIRICĂ</b>,  The “Vintilă Horia Case”: finis coronat opus</p> <p>15.20 – 15.35  <b>Silviu GONGONEA</b>,  Vintilă Horia Case and the Prix Goncourt: In the Traps of Ideology</p> <p>15.35 – 15.50  <b>Cristian ISVORANU</b>,  Vintilă Horia Epistolary: A Fresco of Romanian Exile</p> <p>15.50 – 16.05  <b>Gabriel NEDELEA</b>,  Configurations of the Centre and Mappings of the Universal in Vintilă Horia’s Work</p> <p>16.05 – 16.20  <b>Ramona POPESCU</b>,  Vintilă Horia: homo viator and homo peregrinus</p> <p style="text-align: center;"><b>Slideshow Presentation</b>  <b>Vintilă Horia – A Writer’s Life in Images</b></p>
16.20 – 16.30	<b>Coffee Break and Poster Viewing</b>
16.30 – 17.30	<p>16.30 – 16.50  <b>Dumitru TODOROI</b>,  From the Humans-Robotics Society to the Robotics-Humans Society</p> <p>16.50 – 17.10  <b>Ruxandra VIDU</b>,  Material Research for Energy and Environmental Applications</p> <p>17.10 – 17.30  Ildiko PETER, <b>Ladislau MATEKOVITS</b>,  Electromagnetic Characterization of Multifunctional Metallic Alloy for Biomedical Purpose</p>
17:30 – 18:00	<b>Discussions and Poster Award Nominations</b>
18:00 – 19:00	<b>ARA General Assembly Meeting</b> (ARA members only)
20.00 – 21.30	<b>Banquet Dinner</b> <b>Venue: Palati Restaurant, Morichovou Square 6, Thessaloniki 546 25, Greece</b>

**Wednesday, 12 June 2019**

10.00 – 13.00 **Visit to museums in Thessaloniki**

13.30 – 15.00 **Lunch**

15.30 – 17.30 **Event at the Romanian Cultural Institute (to be announced)**

**Thursday, 13 June 2019**

**One-day trip to Meteora**