

Schedule of the 38th ARA Congress,

Dabney Lounge, and Athenaeum, Caltech, Pasadena, California

23-Jul Wednesday Evening, Registration and Cocktail, Caltech Athenaeum			
18:30		Registration and Cocktail, Al Fresco, Athenaeum -	
24-Jul Thursday morning plenary session, Dabney Lounge			
9:00	Opening Session	Welcome address by Congress organizers	Welcome address by Mr. Eugen Chivu - Consul General of Romania in Los Angeles
9:30	Thursday Keynote 1	Basarab Nicolescu	The Need For Transdisciplinarity in Higher Education
10:20	Morning Break		
10:40	Thursday Keynote 2	Gheorge Mateescu	Flying with Eagles: a Tale of Four Countries
11:20	Round Table	Moderated by Basarab Nicolescu	"Dialogue of Cultures"
12:40	Lunch Break	Lunch break and Tours (JPL or Caltech)	For JPL tour a JPL prior approval is needed, contact Adrian Stoica
24-Jul Thursday afternoon, Dabney Lounge session			
14:00	TDE	Alexandru Darida, Eva Halus, Katherine Arion, Jerry McDaniel, Maria Zamfir Bleyberg	Art exhibition
15:15	TDB	Tea Break	
15:45	TD1	Carmen Sabau, Isabel Sabau	Learning in the Digital World
16:00	TD2	Milan M'Enesti	Meeting the Bilingual Needs of Romanian Children in the U.S. Public Education System
16:15	TD3	Georgiana Galateanu	Using "Authentic" Language and Situations in a Romanian Textbook for Beginners
16:30	TD4	Diana Jansen	"Mai Români decât Români" (More Romanian than Romanians): What Determines Foreigners to Settle
16:45	TD5	Ioan Opris	Prefrontal Cortical Microcircuits for Cognitive Control
17:00	TD6	Gabriela Obrocea	Understanding Human Brain in Manic Depressive Illness
17:15	TD7	Gheorghe Dragan	Evidence of Human Mental Field
17:30	TD8	Livia Toanca	Small Business Performance in the Digital Era
17:45	TD9	Eugen Pop, Victor Croitoru	WEB Service Based Platform for Mobile Business
18:00		ARA General Assembly	

24-Jul Thursday afternoon, Athenaeum Library session			
15:45	TL1	Liana Anicai, Cosmina Lazar, Maria Mihaly, Marius Enachescu	An Electrochemical Approach for Biomolecules Detection Involving Electrocatalytic Gold Nanoparticles
16:00	TL2	Mariana Prodana, Daniela Ionita, Andrei Stoian, Dionezie Bojin, Marius Enachescu	Electrochemical Deposition of Co-Sb Nanowire Arrays into Titania Nanotubes
16:15	TL3	Oxana Iaseniuc, Mihail Iovu, Matei Badea, Iulian Boerasu, Marius Enachescu	Optical and Raman Spectroscopies of (As ₄ S ₃ Se ₃) _{1-X} :SnX Glasses
16:30	TL4	Ioan Neamț, Ioana Ionel, Ilie Vlaicu	The Mass Balance of Sewage Sludge Digestion Process
16:45	TL5	Wächter Mihail Reinhold, Ioan Neamt and Ioana Ionel	Solid Waste Incineration of Residues – a Clean Technology
17:00	Debate	Organized by Prof A. T. Balaban	On Reinstating the pre-1965 English spelling of 'Roumania', or 'Rumania'

25-Jul Friday morning plenary session, Dabney Lounge			
9:30	Friday Keynote 1	Constantin Bulucea	Eastern Europe's Semiconductor Technology and its Merging into the Globalization Trend
10:20	Break		
10:40	Friday Keynote 2	Alexandru Balaban	What is Mathematical Chemistry?
11:20	Short Break		
11:30	Friday Keynote 3	Petru Popescu	Romanians in Hollywood, and in American Fiction
12:10	Lunch Break		
25-Jul Friday afternoon, Dabney Lounge session			
13:30	Exhibition	Alexandru Darida, Eva Halus, Katherine Arion, Jerry McDaniel, Maria Zamfir Bleyberg	Art Exhibition
15:15	Tea Break		
15:45		Stela Drăgulin	Technical Features of Chopin's Piano Style
16:00		Dino Tudor	An Architect's Journey
16:15		Carmen Sabau, Isabel Sabau	Painted glory - Romanian Monasteries
16:30		Maria Zamfir Bleyberg	On the Visual Concept
16:45		Maria Zamfir Bleyberg	Consequences of the Cold War in Art Movements
17:00		Ileana Costea	An American Painter with Romanian inspiration - Jerry W. McDaniel
17:15		Ileana Costea	The Miroritic Space - Surprise Romanian Presence abroad
17:30		Dinu Ioan Leonte	Shouts and Whispers ~ Strigate si Soapte

25-Jul Friday afternoon, Athenaeum Library			
15:30		Diana Criclivaia	Is "Joint Audit" a New Topic?
15:40		Zinovia Toaca	Macromodel Estimates of the National Economy of the Republic of Moldova, for the 2014-2016 Interval
15:50		Victor Sibirschi	An Algorithm for Big Data Analytics
16:00		Tudor Stefan Leahu	The Motivation, Classification, Evolution and Prospect of Technologization of the Economic Informational Activities
16:10		Ilie Mamaliga	The Evolution of the Integration Process as Effect of the Treaties Signing Between the Republic of Moldova and European Union
16:20		Boris Chistruga	From Monodimensional to Multidimensional Politics
16:30		Dumitru Nicolae Todoroi	Introversive Adaptable ROBO - Intelligences
16:45		Mircea Badescu	The Auto-Gopher Deep Drill
17:00		Dan Nicolau	From Molecular Motors to Fungal Intelligence
17:15		Elena Mihail Raevschi	Trends in Mortality Of Major Contribution Cardiovascular Diseases Among Adults of the Republic of Moldova
18:30	Friday, July 25th	Banquet, Athenaeum -	Master of Ceremonies: Florina Kendrick Roberts. Guest of Honor: Ambassador James Rosapepe.

26-Jul	Saturday, Dabney Lounge		
9:30		Registration	
9:50		Opening: Stoica, Adumitroaie	Speaker presentation - Master of Ceremonies: Roxanne Istrate
	Part 1	<u>Science, Engineering and Technology</u>	
10:00		Daniel Marcu	From ineffable to hundreds of millions of users
10:20		George Roth	From "Fireball XL5 to Semantic Technology" or the connection between Steve Zodiac and Steve Jobs
10:40		Ciprian Manolescu	Topology in low and high dimensions
11:00		Bogdan Marcu	Personal Notes on Space Exploration
11:20	Coffee Break	Bogdan Suceava	A Medieval Mystery: On Nicole Oresme's Idea of Curvitas
	Part 2	<u>Medicine, History, and Art</u>	
11:40		Adrian Bot	Synthetic Biology Leapfrogs Mankind into the Era of "Intelligent Design"
12:00		Joe Ferguson	The Science of Art: Natural History of Intuition and Aesthetics
12:20	Lunch (boxes)		
	Part 3	<u>Life-styles and Death-styles, Spirituality and Experimentation</u>	
13:00 PM		John Tanner	I Almost Died. Needlessly. Will You?
13:20		Liliana Cerepnalkoski	Medical Intuition and Energy Medicine: From Ancient Spiritual Traditions to Modern Scientific Breakthroughs
	Part 4	<u>Healthcare and Business</u>	
13:40		Horenzia Beciu	Global Organizations for Global Health
14:00	Panel Discussion	Moderated by Jacob Segal	Panel Discussion on Business and Entrepreneurship
		Roth, Beciu, Tanner, D. Marcu, Ferguson, Bot, Goia	
16:00		End of Congress Sessions	
		More social programs on Saturday evening and Sunday	