Grand Challenges Scholars Program Workshop:
May 15-17, 2019
University POLITEHNICA of Bucharest, Romania
Splaiul Independenței nr. 313, sector 6, București

Wednesday, May 15, 2019 - Building Rectorat, 5th Floor – UPB Restaurant

4:00pm – 6:00pm  Registration Open
5:30pm – 8:00pm  Reception

Welcome
Organizing Committee

Thursday, May 16, 2019 – Building Rectorat, Room AN010 "Radu Voinea"

8:30am  Registration Open; Breakfast Available
9:00am – 9:30am  Welcome and Opening Remarks
    Mr. Mihnea Costoiu
    Rector
    University Politehnica Bucharest
    The Honorable Mr. Hans Klemm
    The Ambassador of the United States to Romania

9:30am – 10:20am  Keynote Address
    The NAE's Grand Challenges for Engineering and the GCSP
    Yannis Yortsos
    NAE Council Member, Co-Founder of GCSP
    Dean of the Viterbi School of Engineering
    University of Southern California

10:20am – 11:30am  Panel: Successful Implementation of GCSP
    Competencies, Student Learning Outcomes, and Supporting Students and Alumni
    Rama Ramakrishna
    Director, NAE GCSP Network Office
    U.S. National Academy of Engineering

    Fulfilling GCSP Competencies: Examples
    Andrea Micangeli
    Director, Grand Challenge Scholars Program
    Sapienza Università di Roma

    Katie Evans
    Associate Dean for Strategic Initiatives
    Former Director, Grand Challenge Scholars Program
    Louisiana Tech University
11:30am – 12:30pm  Brainstorming Session: Regional Challenges

**Moderator**
George Darie  
Vice–Rector  
*University POLITEHNICA Bucharest*

**Panelists**
Student Ioana NEAMTU-  
*Board of European Students of Technology*

Student Flavia OREPA  
*University POLITEHNICA Bucharest – awarded Microsoft Imagine Cup - Seattle*

Prof. Violeta RASHEVA  
*University of Food Technologies, Plovdiv*

Prof. Ozkul CAFER  
*Istanbul Technical University*

Prof. Violeta CIUCUR  
*Constanta Maritime University*

12:30pm – 1:30pm  Lunch

1:30pm – 2:45pm  Panel: Synergy between the GCSP and Aligned Programs

**Moderator**
Rama Ramakrishna  
Director, NAE GCSP Network Office  
*U.S. National Academy of Engineering*

**Panelists**
Paul-Andre Baran - Entrepreneurship  
Consultant – Technology & Innovation  
*Romanian American Foundation*

Ed Coyle - Research  
*Vertically Integrated Projects (VIP) Program*  
*Georgia Institute of Technology*

Oliver Nachevski – Societal Impact  
Vice Chair at IWA Strategic Asset Management Specialist Group  
*Former President Engineers Without Borders, International*  
*President Engineers Without Borders, Macedonia*

Razvan Rughinis - Innovation  
*Innovation Labs*  
*PUB*

Corina Danaila  
Romanian Program Coordinator  
*Romanian - U.S. Fulbright Commission*

Laura Lyons  
*Director, Exchange Foundations at CIEE*

2:45pm – 3:15pm  Break
Panel: The Value of GCSP to Employers

Moderator
Cleopatra Cabuz
Member NAE,
Chair, GCSP WS Organizing Committee

Panelists
Mihai Brana
Managing Director
Honeywell Romania SRL & Honeywell Elster Romania SRL

Silvia Vlăsceanu
General Director
Federation of Associations of Energy Utility Companies (ACUE), Romania

Nicolai Sandu
Cisco Academy Manager
Cisco

Horia Velicu
Innovation Lab Leader
The Romanian Development Bank (BRD)

Daniel Rizea
Fitbit

Petru Ruset
Country Divisions Lead Energy Management at Siemens Romania

Gala Dinner

Restaurant Hanul lui Manuc
Str. Franceza nr. 62, Sector 3, Bucuresti
8:30am  Breakfast Available

9:00am – 10:15am  Panel: Student and Alumni Voices: The GCSP Experience

**Moderator**
Rama Ramakrishna  
Director, NAE GCSP Network Office  
*U.S. National Academy of Engineering*

**Panelists**
Andrew Mang  
GCSP Alumnus, Duke University  
Co-founder  
Aswanet, Ltd.

Celeste Goodwin  
Senior GCSP Student  
*University of Southern California*

Alessandra Vannoni  
GCSP Student  
*Sapienza Università di Roma*

10:15am – 10:45am  Tailoring GCSP to University POLITEHNICA of Bucharest

Virginia Vasile  
Research and Teaching Assistant  
*University POLITEHNICA of Bucharest*

10:45am – 12:30pm  Working Session: Design Your Own GCSP

**Moderators**
Katie Evans  
Chair, GCSP Proposal Review Committee  
Director, Grand Challenge Scholars Program  
*Louisiana Tech University*

Rama Ramakrishna  
Director, NAE GCSP Network Office  
*U.S. National Academy of Engineering*

12:30pm – 1:00pm  Wrap Up and Next Steps

Prof. Yannis Yortsos  
NAE Council Member, Co-Founder of GCSP  
Dean of the Viterbi School of Engineering  
*University of Southern California*

Prof. George Darie  
Vice–Rector  
*University POLITEHNICA Bucharest*