

# **SOUTH EASTERN REGIONAL COUNCIL OF CIGRE (SEERC)**

## **11-th CIGRE SEERC TECHNICAL ADVISORY (TAC) MEETING Rome**

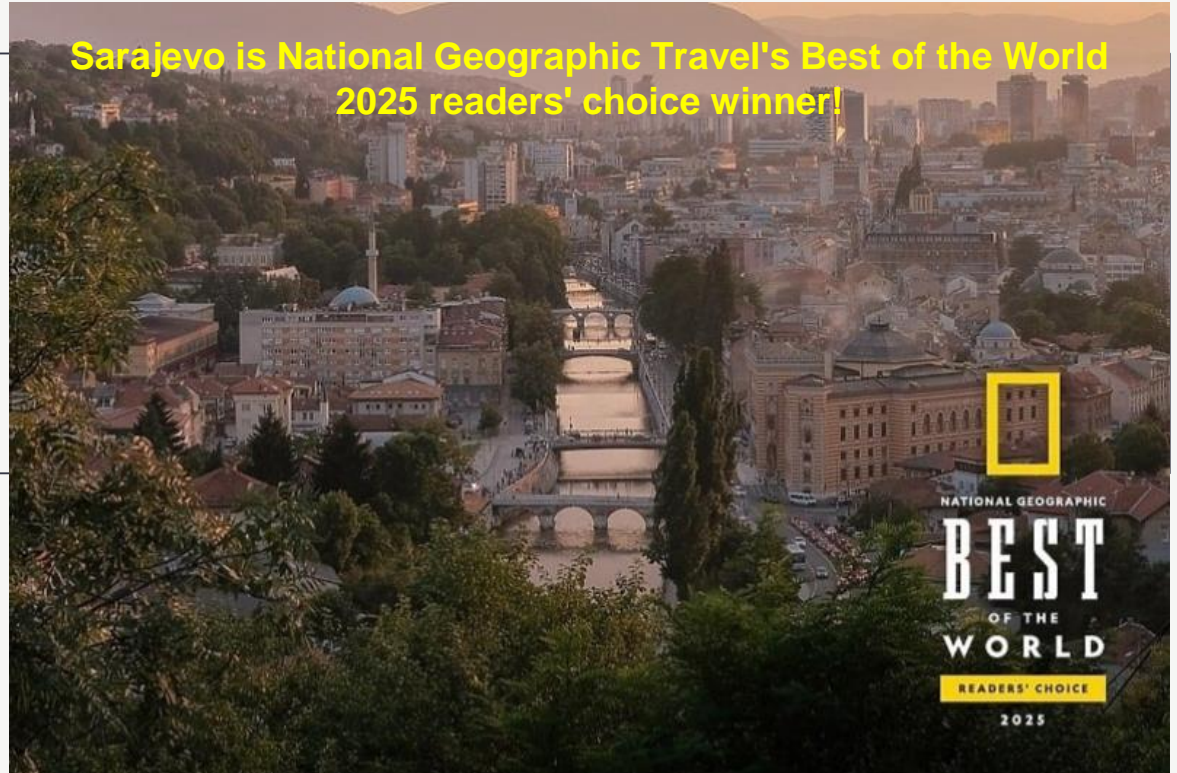
**January 22, 2025**

**prof.dr.sci. Zijad Bajramović, CIGRE BiH President**  
**dr.sci. Ajla Merzić, CIGRE BiH Vice President**



# 5th SEERC Conference, Sarajevo

- **Opening Session**
- **Keynote Session**
- **Closing Session**



# 5th SEERC Conference, Sarajevo

## Opening Session

- June 4th, 2025, from 9:00 AM
- Opening Address by\*:
  1. Edhem Bičakčić, SEERC President
  2. Prof. Zijad Bajramović, CIGRE BiH President
  3. Prof. Klaus Fröhlich, Honorary President, 5th SEERC conference\*
- Special recognition awards by Prof. Zijad Bajramović, CIGRE BiH President
- A brief artistic program\*

*\*Yet to be defined by BiH CIGRE SEERC Organizing committee*

**Additional ideas regarding the Opening session ceremony?!**

# 5th SEERC Conference, Sarajevo

## Keynote Session

- June 4th, 2025, from 9:30/10:00 AM
- Keynote lecture by:
  1. Prof. Mladen Kezunović
  2. dr.sci. Ajla Merzić
  3. tbd - Mediterranean Transmission System Operator – Med-TSO



# 5th SEERC Conference, Sarajevo

## Keynote Session

### RISK MANAGEMENT OF FUTURE LARGE-SCALE ELECTRIFICATION

#### PROF. MLADEN KEZUNOVIĆ

- Texas A&M University, College Station, for over 35 years
- Expert in protective relaying, fault modeling, automated power system disturbance analysis, computational intelligence, data analytics, and smart grids
  - University Distinguished Professor
  - Site Director of “Power Engineering Research Center” consortium.
  - Principal of XpertPower™ Associates
  - authored/co-authored >600 papers and 11 books/book chapters, delivered >120 seminars
- CIGRE Honorary and Distinguished Member
- Member of the US National Academy of Engineering
- Motivation for large-scale electrification and the associated risks (environmental impacts, aging infrastructure, distributed energy sources, digitalization, human behaviour) impacting multiple critical infrastructures
- Advanced approaches using machine learning and artificial intelligence for predicting risks and mitigating their impacts through optimization strategies.
- Emphasis on the need for societal, normative, regulatory, and legislative changes to prevent large-scale electrification from posing significant risks to welfare and economic prosperity

# 5th SEERC Conference, Sarajevo

## Keynote Session

### STRENGTHENING CROSS-BORDER COLLABORATION FOR ENERGY TRANSITION: THE CASE OF BIH AND THE SURROUNDING REGION

**DR.SCI. AJLA MERZIĆ**

- The current trajectory and the future outlook of energy transition in BiH, and the surrounding region.
- Critical assessment of energy sector decarbonization challenges and opportunities, delving into specific barriers faced by BiH and its neighbouring countries (policy gaps, infrastructure modernization needs, financial constraints).
- Evaluation of EnC countries and their preparedness for the CBAM exemption, including projections on financial consequences for BiH and neighbouring countries.
- Emphasis on the importance of regional cooperation and cross-border projects addressing shared challenges.

# 5th SEERC Conference, Sarajevo

## Keynote Session

- June 4th, 2025, from 10:00 AM
- Keynote lecture by:
  1. Prof. Mladen Kezunović
  2. dr.sci. Ajla Merzić
  3. tbd - Mediterranean Transmission System Operator – Med-TSO

**Additional proposals?!**

# 5th SEERC Conference, Sarajevo

## Closing Session

- June 5th, 2025, afternoon hours
- Closing Address by\*: 1. Edhem Bičakčić, SEERC President
- Ceremony of SEERC chairmanship transfer from the CIGRE National Committee of Bosnia and Herzegovina to the CIGRE National Committee of Croatia (Edhem Bičakčić and Goran Slipac)
- Recognition award to authors of outstanding papers in all thematic sections

*\*Yet to be defined by BiH CIGRE SEERC Organizing committee*

**Additional ideas regarding the Closing session ceremony?!**