



Academic Society "Matei-Teiu Botez" Iași, România



Faculty of Civil Engineering Iași, România



APDP Moldova Branch

## INVITATION

*You are kindly invited to participate to*

### THE 2<sup>ND</sup> INTERNATIONAL SYMPOSIUM

Dedicated to 65 years from the Faculty of Civil Engineering of Iași's opening and occasioned by 100 years from Emeritus Professor Dimitrie Atanasiu's birthday

# Actual Trends in Highway and Bridge Engineering 2006

**December 15, 2006, Technical University "Gh. Asachi" Iași, România**

Important dates: - participation confirmation and abstract - October 15<sup>th</sup>, 2006  
- full paper - November 15<sup>th</sup>, 2006

Main topics: - Accelerated Testing Methods and Techniques in Transportation Engineering  
- Structural and Geometric Design of Highways and Railways  
- Bridges Design  
- Highways and Bridges Construction Technologies  
- Maintenance, Rehabilitation and Reliability of Highways and Bridges  
- Construction, Maintenance and Rehabilitation of Airports  
- Static and Dynamic Analysis of Bridges  
- Long Term Monitoring of Pavement Performance  
- Management of Transportation Infrastructures  
- Mathematical Methods in Transportation Engineering

Web address: - <http://www.ce.tuiasi.ro/english/conferences/>

### Symposium's Organizers:

Academic Society "Matei-Teiu Botez" Iași

Faculty of Civil Engineering, Structural Mechanics Laboratory

APDP Moldova Branch

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Faculty of Civil Engineering

# HISTORICAL MOMENTS FROM CIVIL ENGINEERING TECHNICAL EDUCATION IN MOLDOVA

- **Midle Age and the beginning of Modern Age**
  - “Schola latină” (Latin School) from Cotnari (1562-1563) (during the ruling of the voivode Eraclide “the Despot”).
  - Superior College (also named “Vasilian Collage” or “Vasilian Academy” after the voivode Vasile Lupu) from the Trei Ierarhi Monastery in Iași (1634-1653).
  - “Școala Domnească” (Royal or Voivodal School) from Iași (1714).
- **XIX<sup>th</sup> Century**
  - “Școala de ingineri hotarnici” (School of Land Surveyors) in Romanian language from Iași (1813-1820) created by Gheorghe Asachi. This is the first testimony of engineering technical education in Romanian language in Iași.
  - “Academia Mihăileană” (“Mihailean Academy”, after the voivode Mihail Sturdza) from Iași (1834-1848). Through the Mihailean Academy, durable foundations for Romanian Higher education were laid.
  - Mihail Kogălniceanu (politician, historian, writer and journalist) makes the project for organizing in Iași an “Applicative School for Roads, Bridges and Buildings” („Școala de aplicație pentru drumuri, poduri și zidiri”). This is the first project of a polytechnic school in Romania (1850).
- **XX<sup>th</sup> Century**
  - Inside the University of Iași, the next Applied Sciences sections are created: Electrotechnic, Industrial Chemistry, and Agricultural Chemistry (1912).
  - The „Gheorghe Asachi” Polytechnical School from Iași (1937) containing the next Faculties: Electrotechnic, Industrial Chemistry, and Agriculture is formed.
  - The Faculty of Civil Engineering is established (1941).
  - The Polytechnical School from Iași is divided in 1948 into:
    - „Ion Ionescu de la Brad” Agronomical Institute from Iași;
    - „Gheorghe Asachi” Polytechnical Institute of Iași, with the Faculties: Industrial Chemistry, Civil Engineering, Electromechanics and Mechanics.

## ESTABLISHMENT OF THE FACULTY OF CIVIL ENGINEERING OF IAȘI

***Based on the Decree-Law no. 989 from November 13, 1941, published in „The Official Monitor” no. 270, at the „Gh. Asachi” Polytechnical School from Iași the Faculty of Civil Engineering is established.***

In „The Official Monitor”, part I, no. 118 from May 23, 1942, the Faculty of Civil Engineering of Iași’s structural organization is published. The general specialization is that of Civil Engineer and the Faculty had the next positions: six Professors and six Associate Professors for general subjects, four Professors for specialty subjects (Bridges I – wood and masonry, Bridges II – metallic constructions, Railways, Roads) and five Associate Professors for specialty subjects (Drawing for Civil Engineering; Topography, Geodesy and Land Survey; Construction Materials’ Technology; Architecture; Navigations and Land Reclamation). During the next years, other subjects have been added: Civil Engineering Constructions, Geotechnics, Reinforced Concrete, Foundations, and Urbanism. Under this organizational structure, the Faculty acted until the education reform in 1948.

## Professor **Dimitrie Atanasiu** (1906-1977)

Professor Dimitrie Atanasiu was born in 1906, September 16, in Huși, a small city in Vaslui County. He graduates the first the high school. Also he was ranked the first at the graduation of the Polytechnical School of Bucharest, in 1929.

After graduation, he is employed as a design engineer in the Public Works Ministry, Department of Studies and Constructions. In 1932 he follows special courses at École National des Ponts et Chaussée in Paris under the supervision of Professor Le Gavrian. After that he was named chief engineer at the Studies and Constructions Division at the Roads General Direction in Bucharest.

Between 1929 and 1943 he designed and executed many important roads and bridges projects. He was then in the management of two constructions companies. During 1947-1948 he became the chief inspector of the Roads Inspectorate of Iași. He conducted many rehabilitation construction works after the war.

Between 1933 and 1953 he had been employed in higher education. He was a Professor Assistant at the Polytechnic Institute of Bucharest. Then he moved to "Gh.Asachi" Polytechnic Institute of Iași, where he became Professor in 1943.

In 1958 he realized the first research center in transportation engineering in Romania and one of the best (if not the best) in the world at that time.

Professor Atanasiu published more than 60 scientific papers and participated to many national and international conferences and was the organizer of some important scientific meetings. For his activity he received two prizes from the Ministry of Education. He had advised many Ph.D. graduates students in researches about transportation systems.

He was awarded the title of Professor Emeritus in 1969, and he was a member of the Superior Commission for Diplomas. He received many state medals of Romania.

Between 1956 and 1962 he was Vice-Dean of the Faculty of Civil Engineering and between 1962 and 1972 he was the Dean of the same Faculty. During his ruling, Professor Atanasiu brought great achievements in education system improvements and also to research activities.

As a sign of respect for Professor Dimitrie Atanasiu, the Research Center in Transportation Engineering from the Faculty of Civil Engineering of Iași holds his name.



**DIMITRIE ATANASIU**  
1906 - 1977

Professor **Horia Gh. Zarojanu**