



Facultatea de Geologie și Geofizică  
UNIVERSITATEA DIN BUCUREȘTI

**GEO-2014**

Sesiune  
de  
comunicări științifice

**program**

**21 noiembrie 2014**

**București**

**Vineri 21 noiembrie 2014**  
**Facultatea de Geologie si Geofizica**  
**Str. Traian Vuia nr. 6, București**  
**Amfiteatrul Vasile Lăzărescu**

**Sesiunea de deschidere a Simpozionului GEO-2014**

**Profesorul LIVIU CONSTANTINESCU – 100 de ani de la nastere**

**1914 - 2014**

10:00 – 10:15 Cuvant de deschidere: Prof.dr.ing. Dumitru Ioane,  
Director al Departamentului de Geofizica

10:15 – 10:45 Prof.dr.ing. Paul Georgescu: Prof. LIVIU CONSTANTINESCU –  
Profesor de elita al geofizicienilor

10:45 – 11:15 Prof.dr.ing. Aurelian Negut: Prof. LIVIU CONSTANTINESCU –  
Sef al Catedrei de Geofizica  
1960 – 1974

11:15 – 12:00 Evocarea Prof. LIVIU CONSTANTINESCU de catre geofizicieni  
(fosti studenti sau doctoranzi ai Profesorului)

13:00 – 19:00 Sesiune de comunicari stiintifice

## Secțiunea GEOFIZICA

Vineri 21 noiembrie 2014, Ora 13.00, Sala II 4, Str. Traian Vuia nr. 6

### Regional Geophysics and Geodynamics

*Conveners: Prof. Dumitru Ioane and Dr. Crisan Demetrescu, M.C. al Academiei Romane*

13:00 – 13:15: L. Besutiu, L. Zlagnean – USING GRAVITY FOR MONITORING GEODYNAMIC PROCESSES

13:15 – 13:30: E. Popescu, A.O. Placinta, F. Borleanu, M. Radulian, I.A. Moldovan – SOURCE PROPERTIES OF RECENT EARTHQUAKE SEQUENCES OCCURRED IN THE CARPATHIANS AREA, ROMANIA

13:30 – 13:45: D. Ioane, M. Diaconescu, F. Chitea, I. Caragea – ACTIVE FAULT SYSTEMS AS INTERPRETED ON GRAVITY AND SEISMICITY DATA IN BUCHAREST – VRANCEA AREA

13:45 – 14:00: C. Stefan, C. Demetrescu, V. Dobrica – EXTERNAL EFFECTS SEEN IN MAIN GEOMAGNETIC FIELD MODELS

14:00 – 14:15: R. Partheniu, M. Diaconescu, D. Ioane, A. Marmureanu – TSUNAMI MODELLING SCENARIOS FOR THE SHABLA SEISMIC AREA, WESTERN BLACK SEA

14:15 – 14:30: R. Greculeasa, V. Dobrica, C. Demetrescu – FIVE YEARS (2009-2013) OF GEOMAGNETIC MEASUREMENTS IN THE NATIONAL NETWORK OF SECULAR VARIATION

14:30 – 14:45: D. Tataru, D. Toma-Danila, E. Nastase, B. Grecu, B. Zaharia – BRIDGING THE GAP BETWEEN SEISMOLOGY AND SOCIETY THROUGH INFORMATION AND EDUCATION

14:45 – 15:15

**COFFEE BREAK**

# Applied Geophysics

## Seismic and Well Log Data Processing and Interpretation

*Conveners: Prof. Aurelian Negut and Ass.Prof. Ionelia Panea*

15:15 – 15:30: I. Panea – THE USE OF REFRACTION INTERFEROMETRY IN SEISMIC EXPLORATION FOR HYDROCARBONS

15:30 – 15:45: I. Panea, A. Stefan – SHALLOW SEISMIC SURVEYS IN AREAS WITH SALT FORMATIONS

15:45 – 16:00: E. Hamdi – WELL LOG ANALYSIS AND SEISMIC DATA INTERPRETATION OF CENTRAL PART OF CONCESSION-6 (SORRA FIELD), MIDDLE EASTERN PART OF SIRTA BASIN, LIBYA

16:00 – 16:15: I. Vasilica, I. Panea, D. Draganov – SEISMIC INTERFEROMETRY ON TIME-LAPSE AMBIENT NOISE

16:15 – 16:30: A. Drecea, I. Panea, R. Nichisoiu – LINEAR VERSUS NON-LINEAR ARRAYS IN SEISMIC EXPLORATION FOR HYDROCARBONS

16:30 – 16:45: M. Paraschivoiu, I. Panea – LINEAR VERSUS CROOKED LINE SEISMIC DATA ACQUISITION

16:45 – 17:15

**COFFEE BREAK**

# Applied Geophysics

## Environmental and Archaeological Geophysics

*Conveners: Prof. Paul Georgescu and Lect. Florina Chitea*

17:15 – 17:30: N. Heredea – FOR A NEW AND BETTER UNDERSTANDING OF THE ROLE AND PLACE OF GEOPHYSICS IN ENVIRONMENTAL PROTECTION

17:30 – 17:45: D. Stefan – LOW ALTITUDE REMOTE SENSING FOR LARGE-SCALE HIGH RESOLUTION LANDSCAPE MODELING

17:45 – 18:00: D. Stefan, C.H. Opreanu, V.A. Lazarescu – RECENT GEOPHYSICAL SURVEYS IN THE ROMAN FORT AND CITY OF POROLISSUM

18:00 – 18:15: G. Garbacea, D. Ioane – USING NEAR SURFACE ELECTROMAGNETIC TECHNIQUE IN FOREST MANAGEMENT IN ROMANIA

18:15 – 18:30: M. Micu, L. Constantinescu, F. Chitea – G.I.S. AS A TOOL FOR MONITORING AQUIFER POLLUTION. CASE STUDY: PLOIESTI CITY

18:30 – 18:45: S. Man, F. Chitea – UTILITY OF CAD PLATFORMS FOR PLANNING ERT MEASUREMENTS IN A SALT MINE

18:45 – 19:00 **CLOSING REMARKS**

### POSTERS

I. Fikos, G. Vargemezis, F. Papageorgiou – LANDSLIDE INVESTIGATION WITH THE USE OF ELECTRICAL RESISTIVITY TOMOGRAPHY. A CASE STUDY IN EPIRUS, GREECE  
(Presented by F. Chitea)

L. Iancu, M. Gatej, A. Isac – DEVELOPMENT IN MAGNETIC MEASUREMENT TECHNIQUES AT SURLARI OBSERVATORY