

# "CARTOGRAPHY BEYOND THE ORDINARY WORLD"



## JOINT ICA SYMPOSIUM



Fluminense Federal University, 21–22 August, 2015

## PROGRAMME



### Participating ICA Commissions:

- Commission on Cartography and Children
- Commission on Maps and Graphics for Blind and Partially Sighted People
- Commission on Planetary Cartography
- Commission on Cartography for Early Warning and Crisis Management

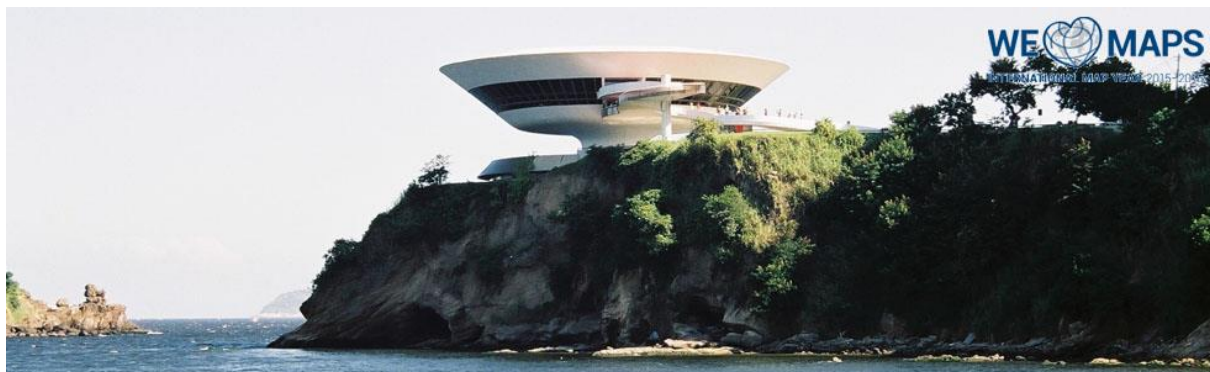


## Organizer institutions:



- *International Cartographic Association (ICA)*
- *Institute of Geosciences, Fluminense Federal University, Brazil*
- *Department of Cartography and Geoinformatics, Eötvös Loránd University, Budapest, Hungary*

<b>Local Organizing Committee</b>	<b>Scientific Organizing Committee</b>
<ul style="list-style-type: none"><li>○ Angelica Carvalho Di Maio (UFF)</li><li>○ Marli W. Cigagna (UFF)</li><li>○ Juliana Magalhaes Menezes (UFF)</li><li>○ Erivaldo Antonio da Silva (UNESP)</li><li>○ Carla C. Sena (UNESP)</li><li>○ Iomara Barros de Sousa (Doutoranda, UNESP)</li></ul>	<ul style="list-style-type: none"><li>○ José Jesús Reyes Nunez (Hungary)</li><li>○ Carla C. Sena (Brazil)</li><li>○ Alejandra Coll Escanilla (Chile)</li><li>○ Waldirene Ribeiro (Brazil)</li><li>○ Milan Konecný (Czech Republic)</li><li>○ Christophe Lienert (Switzerland)</li><li>○ Li Jing (China)</li><li>○ Henrik Hargitai (Hungary)</li><li>○ Irina Petrovna Karachevtseva (Russian Federation)</li><li>○ Krisztina Irás (Hungary)</li></ul>



## FRIDAY 21st AUGUST

From 8:00 A.M. – Registration

All the sessions will be held in: *Lecture Hall NAB of the Universidade Federal Fluminense  
Campus da Praia Vermelha, Niterói, Boa Viagem  
Av. Gal Milton Tavares de Souza, SN.*

Posters are exhibited in: *Lobby of Lecture Hall NAB*

9:00 A.M. – 9:35 A.M. **OPENING CEREMONY**

Chairperson: *José Jesús Reyes Nunez (Hungary)*

1. **Welcome speech** - Prof. Dr. Wainer da Silveira e Silva (Brazil, Vice-Rector UFF) *10 minutes*
2. **Keynote speech** - László Zentai (Hungary, ICA Secretary General): *Cartography 2.0 - are we there? 25 minutes*

9:35 A.M. - 10:00 A.M. **Session 1: Planetary Cartography**

Chairperson: *José Jesús Reyes Nunez (Hungary)*

3	Mátyás Gede, Henrik Hargitai	Country Movers – an Extraterrestrial Geographical Application	Hungary
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10:00 A.M. – 10:30 A.M. **Coffee break**

10:30 A.M. – 11:50 A.M. **Session 2: Cartography and Children 1**

Chairperson: *Carla Sena (Brazil)*

4	Temenoujka Bandrova	Barbara Petchenik Children Map Competition – National Organization and Development	Bulgaria
5	Paula Cristiane Strina Juliasz, Sonia Maria Vanzella Castellar	Representation and scale: an introduction of cartography in pre-primary education	Brazil
6	Francis Gomes Macedo	Some questions about how children and teachers learn scales on maps in geography teaching	Brazil
7	Victor Olímpio, Thiago Barros, Marli Cigagna Wiefels	The Guardians: Understanding historical cartography of the Bay of Guanabara	Brazil

11:50 A.M. – 1:30 P.M. **Lunch**

1:30 P.M. – 2:50 P.M. **Session 3: Cartography and Children 2**

Chairperson: *Temenoujka Bandrova (Bulgaria)*

8	Angelica C. Di Maio, Luis A. Koenig Veiga, Raul M. P. Friedman, Silvana P. Camboim, Maria C. B. Bradalize, Juliana M. Menezes, Marli W. Cigagna	First Brazilian Cartographic Olympiad	Brazil
9	Iomara Barros de Sousa	Analysis of socioenvironmental perception on 7th grade students from Elementary School: mental maps as an educational tool in the teaching Cartography	Brazil
10	Marcos Elias Sala	Cartographical Problems for Teaching Landforms in Geography: A Brazilian Perspective	Brazil
11	Gabriel Balardino	Geoinformation tools in school: From Google Earth to TerraView	Brazil

2:50 P.M. – 3:20 P.M. **Coffee break**

3:20 P.M. – 4:00 P.M. **Session 4: Education and maps**

Chairperson: *Maria Isabel Castreghini de Freitas (Brazil)*

12	José Jesús Reyes Nunez, Maria Isabel Castreghini de Freitas	Short course on Map-based Geovisualization at the São Paulo State University	Hungary-Brazil
13	Luciana das Dores de Jesus da Silva, Daniel Nadier Cavalcante Reis, Paulo de Tarso Baleeiro, Vivian de Oliveira Fernandes	Creation of new Localization Map to University Federal of Bahia – A New Vision from Mapping Standard Thematic	Brazil

4:00 P.M. – 4:30 P.M. **Workshop on Cartography for Blind and Partially Sighted People, with the participation of representatives of the Benjamin Constant Institute (IBC) and Prof. Ruth Nogueira (Universidade Federal de Santa Catarina, Brazil)**

## SATURDAY 22nd AUGUST

9:00 A.M. – 9:30 A.M. **KEYNOTE SPEECH**

Chairperson: *José Jesús Reyes Nunez (Hungary)*

14. **Keynote speech** - Milan Konecný (Czech Republic): Cartography on Early Warning and Crisis Management

9:30 A.M. – 10:50 A.M. **Session 5: Warning crisis situations with maps**

Chairperson: *Milan Konecný (Czech Republic)*

15	Christophe Lienert	Real-Time Hydrological Maps based on Data Interoperability Web-Services	Switzerland
16	Luciana das Dores de Jesus da Silva, Luis Edimundo Prado Campos, Julio Cesar Pedrassoli	Relationship between the Geotechnical Safety Factor and the presence of risk areas: Case Study of Barro Branco, Salvador/BA	Brazil
17	Jiping Liu	Research and Prospect on Multi-source Spatial Data Integration for Emergency Services	China
18	Kamila Almeida dos Santos, Bruna Ferreira Da Silva, Klebber Teodomiro Martins Formiga	Morphometric Characteristic of Ribeirão Anicuns Basin, Goiânia, Go	Brazil

10:50 A.M. – 11:20 A.M. **Coffee break & Poster session**

11:20 A.M. – 12:40 A.M. **Session 6: Maps for Blind and Partially Sighted People**

Chairperson: *Waldirene Ribeiro do Carmo (Brazil)*

19	Maria Isabel Castreghini de Freitas, Thiago Bastelli Gramasco	Tactile models and Geography teaching for visually-impaired persons: Experiences in a Service Center for Blind People in Rio Claro SP, Brazil	Brazil
20	Leia de Andrade, Gabriela Alexandre Custódio, Tamara de Castro Régis, Ruth Emilia Nogueira	LabTATE: The Aporte Map of Touch in Geography Teaching Materials from a Teaching Accessible	Brazil
21	Barbara Gomes Flaire Jordão, Carla Cristina Reinaldo Gimenes de Sena, Waldirene Ribeiro do Carmo	The Tactile Cartography and Geography at elementary school in the state of São Paulo	Brazil
22	Patrícia Assis da Silva, Sílvia Elena Ventorini, Gisa F. Siega Rocha, Juliano B. Romualdo	Tactile Cartography: Development of Teaching Materials for blind students	Brazil

12:40 A.M. – 1:00 P.M **Session 7: Cartography and Children 3**

Chairperson: *Carla Sena (Brazil)*

23	Magdalena Cedering	Viewing children's experience of distance due to school closure in Swedish rural areas	Sweden
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1:00 P.M. - **Farewell Session** 😊

1:30 P.M. – 3:00 P.M. **Lunch**

3:00 P.M. - **Walk tour in Niterói - Visit to the Museum of Contemporary Art**

5:30 P.M. - **Farewell Cocktail (Lecture Hall NAB, UFF)**

## POSTER SESSION

*Posters are exhibited during the event in the lobby of Lecture Hall NAB. Poster session is during the coffee break in Saturday morning (August 22, 10:50 A.M. – 11:20 A.M.). Authors will be with their posters to explain their work for the colleagues interested to know details about their research.*

CARTOGRAPHY AND CHILDREN			
1	Angelica Carvalho Di Maio	Cartography and Technological Advances: Implications in The Way Of Making and Dealing with Maps at School	Brazil
2	Raiane Florentino, Andréa Aparecida Zacharias	Cartographic games in Remote Sensing teaching: examples and discussions starting with applications in school of Rio Claro City/São Paulo, Brazil	Brazil
3	Fabiana Freitas, Bernard Wollmann, Gilson Bastos	Cartography at School - A practical application	Brazil
4	Giulia Gonçalves A. Nicacio, Jéssica Cardoso Martins, Marli Cigagna Wiefels	Navigating through School Cartography in Jurujuba – Promoting the value of the district through cartographic workshops for children	Brazil
5	Krisztina Irás	From Thematic Maps to GIS – in School Cartography	Hungary
6	Tadeu Jussani Martins, Andréa Aparecida Zacharias, Ana Paula Mateucci Milena	Interactive Thematic Maps for Students: a proposal for Geovisualization	Brazil
CARTOGRAPHY ON EARLY WARNING AND CRISIS MANAGEMENT			
7	Kamila Almeida dos Santos, Bruna Eduarda de Souza Silva, Frederico Halley Alves de Souza, Klebber Teodomiro Martins Formiga Nilson Clementino Ferreira	Construction Solid Waste Destination on Cáscavel creek sub-watershed, Goiânia – Go.	Brazil
8	Carolina Santana, Elenice Rodrigues, Karen Bencomo, Laiana Lopes, Thalita Rodrigues, Ruan Vargas, Paola Hortala, Fábio Ferreira Dias	Risk of coastal flooding: What will be the effects on municipalities bordering the Atlantic Ocean in Rio de Janeiro?	Brazil
PLANETARY CARTOGRAPHY			
9	Thomas Gangale, Marilyn Dudley-Flores	Lowell Meets MOLA: A Merged Atlas of Mars	USA
10	Henrik Hargitai, Virginia Gulick	Mapping channel belt fluvial deposits on Mars	USA - Hungary