

<b>TUESDAY, February , 201</b>				
<b>9:00 – 12:00 Registration – Room 1 0</b>				
<b>13:00 Opening ceremony – Room S2</b>				
<b>Chairwoman: VELICHOVA Daniela</b>				
<b>13:30 PINTO Carla – HOW TO EMBRACE THE NEW TEACHING METHODOLOGIES IN MATH COURSES IN ENGINEERING DEGREES</b>				
<b>14:30 HOCEVAR Toma – GRAPHLET COUNTING</b>				
<b>15:30 –1 :00 Coffee break</b>				
<b>1 :00 TOSCHI Andrea – TWINES, KNOTS, MAZES: AN ENCOUNTER WITH PAOLA LEVI MONTALCINI ACROSS ART AND MATHEMATICS</b>				
<b>17:00 CI MAR Jan – VYSLI DEJINY MATEMATIKY/ HISTORY OF MATHEMATICS PUBLISHED (in Slovak)</b>				
<b>WEDNESDAY, February 7, 201</b>				
	<b>Room S1</b>	<b>Room S2</b>	<b>Room S3</b>	<b>Room S4</b>
<b>9:00 – 10:30</b>	<b>Mathematics and Art</b> TEDESCHINI LALLI Laura	<b>New Trends in Mathematical Education</b> PINTO Carla	<b>Statistical Methods in Technical and Economic Sciences and in Practise</b> JANIGA Ivan	<b>Modeling and Simulation in Engineering and Scientific Computations</b> LETAVAJ Peter
<b>10:30 – 11:00 Coffee break</b>				
<b>11:00 – 12:30</b>	<b>Mathematics and Art</b> LORENZI Marcella Giulia	<b>New Trends in Mathematical Education</b> CEPITELLI Rita	<b>Statistical Methods in Technical and Economic Sciences and in Practise</b> MATVEJEVS Andrejs	<b>Modeling and Simulation in Engineering and Scientific Computations</b> BAŠTINEC Jarom r
<b>12:30 – 13:30 Lunch break</b>				
<b>13:40 – 15:00</b>	<b>Mathematics and Art</b> CAPANNA Alessandra	<b>New Trends in Mathematical Education</b> KONEČNA Petra	<b>Statistical Methods in Technical and Economic Sciences and in Practise</b> JAROŠOVA Eva	<b>NetworkScience, Graphs and Combinatorics</b> NEHEZ Martin
<b>15:00 – 15:30 Coffee break</b>				
<b>15:30 – 1 :00</b>	<b>Mathematics and Art</b> COCCHIARELLA Luigi	<b>New Trends in Mathematical Education</b> RICHTARIKOVA Daniela	<b>Statistical Methods in Technical and Economic Sciences and in Practise</b> ŠEDIVA Blanka	<b>Differential Equations, Dynamic Systems and Their Applications</b> RAGUŽ Andrija
<b>1 :00 – 22:00 Conference reception</b>				

**WEDNESDAY, February 7, 201****Room S1 – MATHEMATICS AND ART, dedicated to memory of Mauro Francaviglia**

Chair: TEDESCHINI LALLI Laura

9:00 COCCHIARELLA Luigi - ON THE IDENTITY OF SIGHT(S) IN SOME WESTERN AND EASTERN PROJECTIVE REPRESENTATIONS

9:20 BENVENUTI Silvia - DALÍ EXPERIENCE: SALVADOR DALÍ AND MATHS

9:40 FERRO Luisa - THE ALEXANDER MOSAIC AND THE HOUSE OF FAUN (POMPEII VI 12, 1- ) GEOMETRY PROPORTIONS AND ART OF COMPOSITION

10:00 CANCIANI Marco, FALCOLINI Corrado, PASTOR ALTABA Maria - VIRTUAL RECOMPOSITION AND ANALYSIS OF A SURVEYED MODEL OF THE WOODEN CRUCIFIX OF ST. PETER'S BASILICA

**10:30 – 11:00 Coffee break**

**WEDNESDAY, February 7, 201****Room S1 – MATHEMATICS AND ART, dedicated to memory of Mauro Francaviglia**

Chair: LORENZI Marcella Giulia

11:00 MAGNAGHI - DELPHINO Paola, NORANDO Tullia - GEOMETRICAL ANALYSIS OF A DESIGN ARTWORK COFFEE TABLE DESIGNED BY THE ARCHITECT AUGUSTO MAGNAGHI-DELFINO

11:20 CAPANNA Alessandra, MELLE Giampiero-SQUARE AND TRIANGULAR MATRICES IN MAGNAGHI-TERZAGHI'S ARCHITECTURES

11:40 MAGRONE Paola, BRANCALEONI Fabio, CARLINI Alessandra, FALCOLINI Corrado, GARGANO Maurizio, TEDESCHINI LALLI Laura - TOWARDS A DIFFUSED (OPEN AIR) MUSEUM IN THE HISTORICAL CENTER OF ROME. UNIVERSITY THIRD MISSION INVOLVING ART, ARCHITECTURE, MATHEMATICS

12:00 TORRE Matteo - TRAJAN'S COLUMN: MATH, ART AND CRYPTOGRAPHY

**12:30 – 13:30 Lunch break**

## **WEDNESDAY, February 7, 201**

### **Room S1 – MATHEMATICS AND ART, dedicated to memory of Mauro Francaviglia**

Chair: CAPANNA Alessandra

13:40 MAGRONE Paola at all - CULTURAL HERITAGE AND SCIENCE IN ROME: A PROJECT OF OUTREACH OF SCIENTIFIC CULTURE

14:00 TEDESCHINI LALLI Laura, MAGRONE Paola - WHEN TURIN CAME TO ROME: A WALK IN THE PRATI DISTRICT AND ITS SYMMETRIES

14:20 LORENZI Marcella Giulia, SCHIAVELLO Francesco - NATURE INSPIRED ARCHITECTURES AND JEWELS PARAMETRIC DESIGN

14:40 ZAWISLAK Stanislaw - THEATRE, LOVE AND GRAPHS

**15:00 – 15:30 Coffee break**

## **WEDNESDAY, February 7, 201**

### **Room S1 – MATHEMATICS AND ART, dedicated to memory of Mauro Francaviglia**

Chair: COCCHIARELLA Luigi

15:30 TREMATERRA Amelia, IANNACE Gino - THE ACOUSTICS OF THE LONGOBARD CHURCH OF SANTA SOFIA IN BENEVENTO

15:50 IANNACE Gino, TREMATERRA Amelia - THE ACOUSTICS OF THE VANVITELLIANA HUNTING LODGE

1 :10 NEDVĚDOVÁ Marie, MAREK Jaroslav - COMPARING EEG SIGNALS AND EMOTIONS PROVOKED BY IMAGES WITH DIFFERENT AESTHETIC VARIABLES USING EMOTIVE INSIGHT AND NEUROSKY MINDWAVE

1 :30 FEIJS Loe - B3/S23 DESCENDING A STAIRCASE NO. 2

1 :50 HAUDE Lucas - CREATING AN INTERACTION WITH CELLULAR AUTOMATA FOR SCIENCE AND TECHNOLOGY MUSEUMS

17:10 HOLEŠOVÁ Michaela - SERLIO'S, GUARINI'S AND MEYER'S CONSTRUCTIONS OF OVALS IN ARCHITECTURE

17:30 BRUNETTI Federico - TALL BUILDINGS IN MILANO. PROPORTIONS AND MORPHOLOGY BETWEEN ANALOGICAL AND DIGITAL DESIGN PROCEDURE

THE IDEAS' MACHINE. THE BIG SCIENCE IN SEARCH FOR JOUNG GENERATION CONCEPTS ABOUT IMAGINATION IN PHYSICS. THE EUROPEAN CERN – CMS CHALLENGE “ARTS & SCIENCE ACROSS ITALY “

**18:00 – 22:00 Conference reception**