

**DAY 1 - SUNDAY, JUNE 15**

|                      |              | OPENING             | PLENARY LECTURE  |  | TECHNICAL SESSIONS  |   |
|----------------------|--------------|---------------------|--|--|---|---|
|                      | 13:30-16:00  | 16:00-16:15         | 16:15-17:35  |  | 17:45-19:45   | 20:00-21:00   |
| Delphi               | REGISTRATION | OPENING<br>(Delphi) | PLENARY LECTURES<br>(Delphi)<br>M. Ostoja-Starzewski<br>A. Reali |  | COMPDPN TS 13<br>NONLINEAR DYNAMICS   | Welcome<br>Reception<br>Rodos Palace<br>Outdoor Pools<br>(12 Nisia) |
| Salon des<br>Roses A |              |                     |  |  | UNCECOMP MS 1 - I<br>UNCERTAINTY QUANTIFICATION, RELIABILITY, AND SENSITIVITY ANALYSIS<br>UNDER LIMITED DATA  |   |
| Salon des<br>Roses B |              |                     |  |  | COMPDPN MS 53<br>SUSTAINABLE APPROACHES IN OPTIMUM DESIGN OF STRUCTURAL SYSTEMS   |   |
| Athena               |              |                     |  |  | UNCECOMP MS 12 - I<br>MULTISCALE AND MULTIPHYSICS MODELLING FOR COMPLEX MATERIALS<br>(MMCM 21)  |   |
| Nafsika A            |              |                     |  |  | COMPDPN MS 67 - I<br>GLOBAL AND LOCAL BEHAVIOUR OF STEEL STRUCTURES UNDER SEISMIC,<br>FATIGUE AND ROBUSTNESS ACTIONS  |   |
| Nafsika B            |              |                     |  |  | COMPDPN TS 14 - I<br>NUMERICAL SIMULATION METHODS FOR DYNAMIC PROBLEMS  |   |
| Nefeli A             |              |                     |  |  | COMPDPN MS 3 - I<br>ADVANCED DISCRETIZATION METHODS FOR COMPUTATIONAL STRUCTURAL<br>DYNAMICS  |   |
| Nefeli B             |              |                     |  |  | UNCECOMP MS 18 - I<br>UNCERTAINTY QUANTIFICATION IN THE ERA OF SELF-SUPERVISED LEARNING<br>AND NEURAL OPERATORS   |   |
| Rotisserie           |              |                     |  |  | UNCECOMP MS 6<br>UNCERTAINTY QUANTIFICATION AND SCIENTIFIC MACHINE LEARNING FOR<br>RELIABLE DATA-DRIVEN MODELING AND SIMULATION IN SCIENCE AND<br>ENGINEERING |   |
| Alpha                |              |                     |  |  | COMPDPN MS 50<br>MOVING LOADS AND INTERACTION PROBLEMS IN BRIDGE DYNAMICS   |   |
| Gamma                |              |                     |  |  | COMPDPN MS 27 - I<br>RESILIENCE, STRUCTURAL HEALTH MONITORING AND MANAGEMENT OF<br>ASSETS AND NETWORKS IN TRANSPORTATION INFRASTRUCTURES                      |   |
| Epsilon              |              |                     |  |  | COMPDPN MS 76<br>SEISMIC SEISMIC ISOLATION AND<br>ENERGY DISSIPATION - RESPONSE<br>CONTROL SYSTEMS  |   |
| Room A               |              |                     |  |  | COMPDPN MS 75<br>SEISMIC ASSESSMENT AND RETROFIT<br>OF CULTURAL HERITAGE AND<br>HISTORIC STRUCTURES   |   |
| Room B               |              |                     |  |  |   |   |
| Room C               |              |                     |  |  | COMPDPN MS 51 - I<br>DYNAMIC RESPONSE OF ENGINEERING STRUCTURES: EXPERIMENTAL<br>TECHNIQUES, MATHEMATICAL MODELS AND DESIGN METHODS                           |   |
| Room D               |              |                     |  |  | COMPDPN TS 5 - I<br>DYNAMICS OF CONCRETE AND MASONRY STRUCTURES   |   |
| VIP Room             |              |                     |  |  | UNCECOMP MS 19 - I<br>UNCERTAINTY QUANTIFICATION AND MACHINE LEARNING APPLICATIONS IN<br>SCIENCES AND ENGINEERING   |   |
|                      |              |                     |  |  |   |   |

DAY 2 - MONDAY, JUNE 16

|                   |              | TECHNICAL SESSIONS   |              | PLENARY LECTURES                                  |             | TECHNICAL SESSIONS  |              | TECHNICAL SESSIONS  |
|-------------------|--------------|--|--------------|---|-------------|---|--------------|---|
|                   | 8:00-9:00    | 9:00-11:00   | 11:00-11:30  | 11:30-13:00                                       | 13:00-14:30 | 14:30-16:30   | 16:30-17:00  | 17:00-19:00   |
| Delphi            | REGISTRATION | UNCECOMP MS 7 - I<br>SURROGATE MODELS FOR UNCERTAINTY QUANTIFICATION: NEW TRENDS   | Coffee Break | PLENARY LECTURES (Delphi)<br>R. Ghanem<br>M. Hori | Lunch Break | UNCECOMP MS 7 - II<br>SURROGATE MODELS FOR UNCERTAINTY QUANTIFICATION: NEW TRENDS   | Coffee Break | UNCECOMP MS 7 - III<br>SURROGATE MODELS FOR UNCERTAINTY QUANTIFICATION: NEW TRENDS  |
| Salon des Roses A |              | UNCECOMP MS 1 - II<br>UNCERTAINTY QUANTIFICATION, RELIABILITY, AND SENSITIVITY ANALYSIS UNDER LIMITED DATA                                   |              |   |             | UNCECOMP MS 1 - III<br>UNCERTAINTY QUANTIFICATION, RELIABILITY, AND SENSITIVITY ANALYSIS UNDER LIMITED DATA                                   |              | UNCECOMP MS 1 - IV<br>UNCERTAINTY QUANTIFICATION, RELIABILITY, AND SENSITIVITY ANALYSIS UNDER LIMITED DATA                                  |
| Salon des Roses B |              | COMPDYN MS 15 - I<br>ADVANCED NUMERICAL METHODS FOR DYNAMIC ANALYSIS OF PERIODIC STRUCTURES AND METAMATERIALS                                |              |   |             | COMPDYN MS 15 - II<br>ADVANCED NUMERICAL METHODS FOR DYNAMIC ANALYSIS OF PERIODIC STRUCTURES AND METAMATERIALS                                |              | COMPDYN MS 15 - III<br>ADVANCED NUMERICAL METHODS FOR DYNAMIC ANALYSIS OF PERIODIC STRUCTURES AND METAMATERIALS                             |
| Athena            |              | UNCECOMP MS 12 - II<br>MULTISCALE AND MULTIPHYSICS MODELLING FOR COMPLEX MATERIALS (MMCM 21)   |              |   |             | UNCECOMP MS 12 - III<br>MULTISCALE AND MULTIPHYSICS MODELLING FOR COMPLEX MATERIALS (MMCM 21)   |              | COMPDYN TS 20 - I<br>SEISMIC RISK AND RELIABILITY ANALYSIS  |
| Nafsika A         |              | COMPDYN MS 67 - II<br>GLOBAL AND LOCAL BEHAVIOUR OF STEEL STRUCTURES UNDER SEISMIC, FATIGUE AND ROBUSTNESS ACTIONS                           |              |   |             | COMPDYN MS 67 - III<br>GLOBAL AND LOCAL BEHAVIOUR OF STEEL STRUCTURES UNDER SEISMIC, FATIGUE AND ROBUSTNESS ACTIONS                           |              | COMPDYN TS 8<br>DYNAMICS OF STEEL STRUCTURES  |
| Nafsika B         |              | COMPDYN TS 14 - II<br>NUMERICAL SIMULATION METHODS FOR DYNAMIC PROBLEMS  |              |   |             | COMPDYN TS 14 - III<br>NUMERICAL SIMULATION METHODS FOR DYNAMIC PROBLEMS  |              | UNCECOMP MS 3<br>METHODOLOGICAL DEVELOPMENTS AND APPLICATIONS OF GLOBAL SENSITIVITY ANALYSIS IN SCIENCE AND ENGINEERING                     |
| Nefeli A          |              | COMPDYN MS 3 - II<br>ADVANCED DISCRETIZATION METHODS FOR COMPUTATIONAL STRUCTURAL DYNAMICS   |              |   |             | COMPDYN MS 36 - I<br>ADVANCES IN LOW-FIDELITY MODELING FOR STRUCTURAL DYNAMICS  |              | COMPDYN MS 36 - II<br>ADVANCES IN LOW-FIDELITY MODELING FOR STRUCTURAL DYNAMICS   |
| Nefeli B          |              | UNCECOMP MS 18 - II<br>UNCERTAINTY QUANTIFICATION IN THE ERA OF SELF-SUPERVISED LEARNING AND NEURAL OPERATORS                                |              |   |             | COMPDYN TS 16 - I<br>PERFORMANCE-BASED EARTHQUAKE ENGINEERING   |              | COMPDYN TS 16 - II<br>PERFORMANCE-BASED EARTHQUAKE ENGINEERING  |
| Rotisserie        |              | COMPDYN MS 46 - I<br>RECENT ADVANCES IN MULTI-RISK ASSESSMENT OF EXISTING CONSTRUCTIONS HAVING ALSO HISTORICAL VALUE                         |              |   |             | COMPDYN MS 46 - II<br>RECENT ADVANCES IN MULTI-RISK ASSESSMENT OF EXISTING CONSTRUCTIONS HAVING ALSO HISTORICAL VALUE                         |              | UNCECOMP MS 8<br>UNCERTAINTY QUANTIFICATION IN VIBRATION BASED MONITORING AND STRUCTURAL DYNAMICS SIMULATIONS                               |
| Alpha             |              | COMPDYN MS 19 - I<br>RECENT ADVANCES IN RISK-INFORMED PRIORITISATION AND ASSESSMENT OF EXISTING BRIDGES                                      |              |   |             | COMPDYN MS 19 - II<br>RECENT ADVANCES IN RISK-INFORMED PRIORITISATION AND ASSESSMENT OF EXISTING BRIDGES                                      |              | COMPDYN MS 19 - III<br>RECENT ADVANCES IN RISK-INFORMED PRIORITISATION AND ASSESSMENT OF EXISTING BRIDGES                                   |
| Gamma             |              | COMPDYN MS 27 - II<br>RESILIENCE, STRUCTURAL HEALTH MONITORING AND MANAGEMENT OF ASSETS AND NETWORKS IN TRANSPORTATION INFRASTRUCTURES       |              |   |             | COMPDYN MS 11 - I<br>DEVELOPMENTS IN COMPUTATIONAL TOOLS FOR SEISMIC RISK MITIGATION  |              | COMPDYN MS 68<br>INTELLIGENT AND SOFT COMPUTING METHODS IN STRUCTURAL AND EARTHQUAKE ENGINEERING  |
| Epsilon           |              | COMPDYN MS 1<br>RETROFIT STRATEGIES FOR SEISMIC PROTECTION OF STRUCTURES WITH INNOVATIVE VIBRATION CONTROL SYSTEMS                           |              |   |             | COMPDYN MS 28 - I<br>NEW STRATEGIES IN COMPUTATIONAL MODELLING OF SUSTAINABLE CONSTRUCTIONS   |              | COMPDYN MS 11 - II<br>DEVELOPMENTS IN COMPUTATIONAL TOOLS FOR SEISMIC RISK MITIGATION   |
| Room A            |              | UNCECOMP MS 16 - I<br>MULTI-FIDELITY INFORMATION MANAGEMENT TO MITIGATE HIGH-FIDELITY DATA SCARCITY IN COMPUTATIONAL SCIENCE AND ENGINEERING |              |   |             | COMPDYN MS 28 - II<br>NEW STRATEGIES IN COMPUTATIONAL MODELLING OF SUSTAINABLE CONSTRUCTIONS  |              | COMPDYN MS 28 - II<br>NEW STRATEGIES IN COMPUTATIONAL MODELLING OF SUSTAINABLE CONSTRUCTIONS  |
| Room B            |              | UNCECOMP MS 16 - I<br>MULTI-FIDELITY INFORMATION MANAGEMENT TO MITIGATE HIGH-FIDELITY DATA SCARCITY IN COMPUTATIONAL SCIENCE AND ENGINEERING |              |   |             | UNCECOMP MS 16 - II<br>MULTI-FIDELITY INFORMATION MANAGEMENT TO MITIGATE HIGH-FIDELITY DATA SCARCITY IN COMPUTATIONAL SCIENCE AND ENGINEERING |              | COMPDYN TS 9<br>GEOTECHNICAL EARTHQUAKE ENGINEERING   |
| Room C            |              | COMPDYN MS 51 - II<br>DYNAMIC RESPONSE OF ENGINEERING STRUCTURES: EXPERIMENTAL TECHNIQUES, MATHEMATICAL MODELS AND DESIGN METHODS            |              |   |             | COMPDYN TS 3<br>BRIDGE DYNAMICS   |              | COMPDYN MS 49<br>ADVANCEMENTS IN SEISMIC VULNERABILITY ASSESSMENT: TOWARD AN INTEGRATED DISASTER RISK GOVERNANCE                            |
| Room D            |              | COMPDYN TS 5 - II<br>DYNAMICS OF CONCRETE AND MASONRY STRUCTURES   |              |   |             | UNCECOMP MS 5<br>UNCERTAINTY PROPAGATION AND PROBABILISTIC PERFORMANCE ASSESSMENT IN ENGINEERING STRUCTURES                                   |              | COMPDYN MS 69<br>INNOVATIONS IN GROUND MOTION SELECTION AND SCALING TECHNIQUES FOR STRUCTURAL ENGINEERING APPLICATIONS                      |
| VIP Room          |              | UNCECOMP MS 19 - II<br>UNCERTAINTY QUANTIFICATION AND MACHINE LEARNING APPLICATIONS IN SCIENCES AND ENGINEERING                              |              |   |             | COMPDYN MS 4<br>ADVANCES IN VIBRATION CONTROL OF OFFSHORE WIND TURBINE STRUCTURES   |              | UNCECOMP MS 15<br>AI-ENHANCED MULTISCALE AND MULTIPHYSICS MODELING FOR ROBUST UNCERTAINTY QUANTIFICATION                                    |
|                   |              | COMPDYN MS 21<br>EXPLAINABLE AND PHYSICS-INFORMED MACHINE LEARNING FOR NATURAL HAZARDS, EXPOSURE, AND RISK MODELLING                         |              |   |             | COMPDYN MS 5<br>MACHINE LEARNING APPLICATIONS IN EARTHQUAKE ENGINEERING   |              | COMPDYN MS 24<br>TIMBER-BASED STRUCTURAL SYSTEMS: RESEARCH ADVANCEMENTS AND INSIGHTS FOR NEW AND EXISTING STRUCTURES IN SEISMIC-PRONE AREAS |
|                   |              | COMPDYN MS 2<br>OPTIMIZATION FOR SEISMIC RISK REDUCTION: FROM STRUCTURAL MONITORING AND ASSESSMENT TO RETROFITTING DESIGN                    |              |   |             |   |              | COMPDYN MS 65<br>PARAMETRIC STRUCTURAL DESIGN: OPTIMIZING MATERIALS, ENVIRONMENTAL IMPACT, AND COST   |

# DAY 3 - TUESDAY, JUNE 17

|                   | SEMI-PLENARY LECTURES   |              | TECHNICAL SESSIONS  |             | TECHNICAL SESSIONS   |   | TECHNICAL SESSIONS  |  |
|-------------------|---|--------------|---|-------------|--|---|---|--|
|                   | 9:00-11:00  | 11:00-11:30  | 11:30-13:30   | 13:30-14:30 | 14:30-16:30  | 16:30-17:00   | 17:00-19:00   | 20:30-23:30  |
| Delphi            | COMPDYN SEMI-PLENARY LECTURES I<br>G. Degrande, L. Chamoin, L. De Lorenzis      | Coffee Break | UNCECOMP MS 7 - IV<br>SURROGATE MODELS FOR UNCERTAINTY QUANTIFICATION: NEW TRENDS   | Lunch Break | UNCECOMP MS 9 - I<br>SOFTWARE FOR UNCERTAINTY QUANTIFICATION   | Coffee Break  | UNCECOMP MS 9 - II<br>SOFTWARE FOR UNCERTAINTY QUANTIFICATION   | Banquet - Dome at Rodos Palace   |
| Salon des Roses A | COMPDYN SEMI-PLENARY LECTURES II<br>G. Muscolino, M. DeJong, E. Tubaldi         |              | COMPDYN MS 39<br>INNOVATIVE STRATEGIES AND TECHNOLOGIES FOR VIBRATION CONTROL OF BUILDINGS AND INFRASTRUCTURES  |             | UNCECOMP TS 17 - I<br>UNCERTAINTY QUANTIFICATION   |   | UNCECOMP TS 17 - II<br>UNCERTAINTY QUANTIFICATION   |  |
| Salon des Roses B | UNCECOMP SEMI-PLENARY LECTURES I<br>A Taflanidis, U. Nackenhorst, M.P. Mignolet |              | COMPDYN MS 14 - I<br>PRESERVATION OF MASONRY STRUCTURES AND INFRASTRUCTURES AGAINST NATURAL AND ANTHROPIC RISKS: FROM THE PAST TO THE FUTURE ADVANCES   |             | COMPDYN MS 14 - II<br>PRESERVATION OF MASONRY STRUCTURES AND INFRASTRUCTURES AGAINST NATURAL AND ANTHROPIC RISKS: FROM THE PAST TO THE FUTURE ADVANCES                         |   | COMPDYN MS 14 - III<br>PRESERVATION OF MASONRY STRUCTURES AND INFRASTRUCTURES AGAINST NATURAL AND ANTHROPIC RISKS: FROM THE PAST TO THE FUTURE ADVANCES                         |  |
| Athena            | UNCECOMP SEMI-PLENARY LECTURES II<br>A. Doostan, M. Valdebenito, I. Papaioannou |              | COMPDYN TS 20 - II<br>SEISMIC RISK AND RELIABILITY ANALYSIS   |             | UNCECOMP MS 17 - I<br>BAYESIAN COMPUTATION METHODS FOR INFERENCE IN SCIENCE AND ENGINEERING  |   | UNCECOMP MS 17 - II<br>BAYESIAN COMPUTATION METHODS FOR INFERENCE IN SCIENCE AND ENGINEERING  |  |
| Nafsika A         |   |              | COMPDYN MS 73 - I<br>ADVANCES AND CHALLENGES IN DYNAMIC SOIL-FOUNDATION-STRUCTURE INTERACTION   |             | COMPDYN MS 73 - II<br>ADVANCES AND CHALLENGES IN DYNAMIC SOIL-FOUNDATION-STRUCTURE INTERACTION   |   | COMPDYN MS 41<br>INNOVATIVE APPROACHES FOR SEISMIC ASSESSMENT OF BUILT HERITAGE: FROM CONVENTIONAL TO PIONEERING TECHNIQUES   |  |
| Nafsika B         |   |              | UNCECOMP MS 4 - I<br>MODEL REDUCTION FOR UNCERTAINTY QUANTIFICATION   |             | UNCECOMP MS 4 - II<br>MODEL REDUCTION FOR UNCERTAINTY QUANTIFICATION   |   | COMPDYN MS 31 - I<br>ADVANCES AND CHALLENGES IN THE ASSESSMENT OF EXISTING BRIDGE STRUCTURES  |  |
| Nefeli A          |   |              | COMPDYN MS 12 - I<br>ERIES: ADVANCING SYNERGIES IN EARTHQUAKE AND WIND ENGINEERING THROUGH LABORATORY TESTING   |             | COMPDYN MS 12 - II<br>ERIES: ADVANCING SYNERGIES IN EARTHQUAKE AND WIND ENGINEERING THROUGH LABORATORY TESTING   |   | COMPDYN MS 12 - III<br>ERIES: ADVANCING SYNERGIES IN EARTHQUAKE AND WIND ENGINEERING THROUGH LABORATORY TESTING   |  |
| Nefeli B          |   |              | COMPDYN MS 33 - I<br>OPEN CHALLENGES IN SEISMIC RISK ASSESSMENT, MODELING AND STRENGTHENING OF UNREINFORCED MASONRY STRUCTURES  |             | COMPDYN MS 33 - II<br>OPEN CHALLENGES IN SEISMIC RISK ASSESSMENT, MODELING AND STRENGTHENING OF UNREINFORCED MASONRY STRUCTURES  |   | UNCECOMP MS 20<br>ADVANCING SCIENTIFIC DISCOVERY WITH SCIML: NEURAL OPERATORS, GENERATIVE MODELING, AND PHYSICS-INFORMED TECHNIQUES   |  |
| Rotisserie        |   |              | COMPDYN MS 66 - I<br>SEISMIC RESPONSE AND CAPACITY EVALUATION OF NONSTRUCTURAL ELEMENTS THROUGH EXPERIMENTAL, ANALYTICAL, AND NUMERICAL METHODS   |             | COMPDYN MS 66 - II<br>SEISMIC RESPONSE AND CAPACITY EVALUATION OF NONSTRUCTURAL ELEMENTS THROUGH EXPERIMENTAL, ANALYTICAL, AND NUMERICAL METHODS                               |   | COMPDYN MS 35<br>DYNAMICS OF SOFT AND ULTRA-SOFT NATURAL MATERIALS AND METAMATERIALS: VIBRATION, IMPACT ANALYSIS AND OPTIMIZATION-BASED DESIGN OF THE MICROSTRUCTURE            |  |
| Alpha             |   |              | COMPDYN MS 57 - I<br>ADVANCEMENTS IN OPENSEES APPLICATIONS FOR EARTHQUAKE ENGINEERING   |             | COMPDYN MS 57 - II<br>ADVANCEMENTS IN OPENSEES APPLICATIONS FOR EARTHQUAKE ENGINEERING   |   | COMPDYN MS 57 - III<br>ADVANCEMENTS IN OPENSEES APPLICATIONS FOR EARTHQUAKE ENGINEERING   |  |
| Gamma             |   |              | COMPDYN MS 26 - I<br>NEW PERSPECTIVES IN BASE ISOLATION AND ENERGY DISSIPATION DEVICES  |             | COMPDYN MS 26 - II<br>NEW PERSPECTIVES IN BASE ISOLATION AND ENERGY DISSIPATION DEVICES  |   | UNCECOMP TS 16<br>SYSTEM RELIABILITY ANALYSIS, DESIGN AND RISK ASSESSMENT   |  |
| Epsilon           |   |              | COMPDYN MS 56 - I<br>NUMERICAL MODELLING AND ANALYSIS OF STRUCTURES AND INFRASTRUCTURES USING DISCRETE ELEMENT APPROACHES   |             | COMPDYN MS 56 - II<br>NUMERICAL MODELLING AND ANALYSIS OF STRUCTURES AND INFRASTRUCTURES USING DISCRETE ELEMENT APPROACHES   | COMPDYN MS 44<br>ASSESSMENT, RETROFIT AND ASSET MANAGEMENT OF STRUCTURES AND INFRASTRUCTURE SYSTEMS | COMPDYN MS 48 - I<br>DEVELOPING ACCURATE NONLINEAR NUMERICAL MODELS BASED ON EXPERIMENTAL RESULTS   |  |
| Room A            |   |              | COMPDYN MS 30 - I<br>DAMAGE-CONTROL LOW-CARBON BUILDING TECHNOLOGIES FOR ENHANCING SEISMIC RESILIENCE AND ENVIRONMENTAL SUSTAINABILITY  |             | COMPDYN MS 30 - II<br>DAMAGE-CONTROL LOW-CARBON BUILDING TECHNOLOGIES FOR ENHANCING SEISMIC RESILIENCE AND ENVIRONMENTAL SUSTAINABILITY  |   | COMPDYN MS 18<br>SEISMIC INTERVENTIONS AND SIMULATION FOR REGIONAL SCALE RETROFITTING   |  |
| Room B            |   |              | COMPDYN MS 17 - I<br>SEISMIC DEMANDS AND PERFORMANCE ASSESSMENT OF NON-STRUCTURAL COMPONENTS: CRITICAL ISSUES AND ADVANCED ANALYSIS   |             | COMPDYN MS 17 - II<br>SEISMIC DEMANDS AND PERFORMANCE ASSESSMENT OF NON-STRUCTURAL COMPONENTS: CRITICAL ISSUES AND ADVANCED ANALYSIS   |   | COMPDYN MS 72<br>DIGITAL TOOLS AND INNOVATIVE MONITORING SYSTEMS FOR BUILT CULTURAL HERITAGE CONSERVATION   |  |
| Room C            |   |              | COMPDYN TS 10<br>IMPACT DYNAMICS  |             | COMPDYN MS 77<br>ADVANCEMENTS OF SIGNAL AND DATA PROCESSING METHODS FOR STRUCTURAL HEALTH  | COMPDYN TS 2 - I<br>ALGORITHMS FOR STRUCTURAL HEALTH MONITORING                                     | COMPDYN TS 15 - I<br>OPTIMUM DESIGN AND CONTROL IN STRUCTURAL DYNAMICS AND EARTHQUAKE ENGINEERING   |  |
| Room D            |   |              | COMPDYN MS 16<br>IN HONOR OF PROFESSOR GEORGE MANOS: EXPERIMENTAL MEASUREMENTS AND NUMERICAL SIMULATION IN THE FIELD OF EARTHQUAKE ENGINEERING AND STRUCTURAL DYNAMICS – INNOVATIVE SOLUTIONS FOR STRUCTURAL RETROFITTING |             | COMPDYN MS 38 - I<br>STRUCTURAL HEALTH MONITORING AND DAMAGE DETECTION IN EXISTING STRUCTURES AND INFRASTRUCTURES: ADVANCED TECHNOLOGIES, DATA ANALYSIS, AND DAMAGE THRESHOLDS |   | COMPDYN TS 2 - II<br>ALGORITHMS FOR STRUCTURAL HEALTH MONITORING  |  |
| VIP Room          |   |              | COMPDYN MS 10 - I<br>MODELLING AND ANALYSIS OF STRUCTURES UNDER ADVERSE EVENTS BEFORE OR AFTER EARTHQUAKES  |             | COMPDYN MS 10 - II<br>MODELLING AND ANALYSIS OF STRUCTURES UNDER ADVERSE EVENTS BEFORE OR AFTER EARTHQUAKES  | COMPDYN MS 45 - I<br>SEISMIC RISK ASSESSMENT AND RETROFITTING STRATEGIES FOR STEEL STORAGE RACKS    | COMPDYN MS 38 - II<br>STRUCTURAL HEALTH MONITORING AND DAMAGE DETECTION IN EXISTING STRUCTURES AND INFRASTRUCTURES: ADVANCED TECHNOLOGIES, DATA ANALYSIS, AND DAMAGE THRESHOLDS | COMPDYN MS 25<br>A PATH TOWARDS EARTHQUAKE-RESILIENT COMMUNITIES: NOVEL METHODS FOR ASSESSING RISK AND RELIABILITY |
|                   |   |              |   |             |  |   | COMPDYN MS 45 - II<br>SEISMIC RISK ASSESSMENT AND RETROFITTING STRATEGIES FOR STEEL STORAGE RACKS   |  |

**DAY 4 - WEDNESDAY, JUNE 18**

| TECHNICAL SESSIONS |   |              | PLENARY LECTURES   |             | TECHNICAL SESSIONS   |              | TECHNICAL SESSIONS   |
|--------------------|---|--------------|--|-------------|--|--------------|--|
| 9:00-11:00         |   | 11:00-11:30  | 11:30-13:00  | 13:00-14:30 | 14:30-16:30  | 16:30-17:00  | 17:00-19:00  |
| Delphi             | COMPDPYN MS 8 - I<br>ARTIFICIAL INTELLIGENCE & MACHINE LEARNING IN DESIGN AND ASSESSMENT OF STRUCTURES  | Coffee Break | COMPDPYN PLENARY LECTURES (Delphi)<br>K-C. Park, B. Jeremic, E. Chatzi     | Lunch Break | COMPDPYN SEMI-PLENARY LECTURES<br>G. Rozza, M. Bischoff, D.C. Feng   | Coffee Break | COMPDPYN MS 8 - II<br>ARTIFICIAL INTELLIGENCE & MACHINE LEARNING IN DESIGN AND ASSESSMENT OF STRUCTURES  |
| Salon des Roses A  | UNCECOMP TS 17 - III<br>UNCERTAINTY QUANTIFICATION  |              |  |             | SPECIAL TECHNOLOGICAL SESSION<br>S. Antoniou, G. Stavroulakis  |              | UNCECOMP TS 17 - IV<br>UNCERTAINTY QUANTIFICATION  |
| Salon des Roses B  | COMPDPYN MS 42 - I<br>SEISMIC RISK ASSESSMENT AND MITIGATION OF MASONRY ARCHITECTURAL HERITAGE  |              |  |             | COMPDPYN MS 42 - II<br>SEISMIC RISK ASSESSMENT AND MITIGATION OF MASONRY ARCHITECTURAL HERITAGE  |              | COMPDPYN MS 22<br>ADVANCES IN SEISMIC DESIGN AND ASSESSMENT OF EXISTING AND RETROFITTED PRECAST CONCRETE BUILDINGS   |
| Athena             | UNCECOMP MS 17 - III<br>BAYESIAN COMPUTATION METHODS FOR INFERENCE IN SCIENCE AND ENGINEERING   |              |  |             | UNCECOMP MS 17 - IV<br>BAYESIAN COMPUTATION METHODS FOR INFERENCE IN SCIENCE AND ENGINEERING   |              | COMPDPYN MS 13<br>INNOVATIONS IN SEISMIC ASSESSMENT AND RETROFITTING OF INFILLED RC STRUCTURES: EXPERIMENTAL TESTING AND NUMERICAL SIMULATIONS   |
| Nafsika A          | UNCECOMP MS 13 - I<br>MONTE CARLO SAMPLING FOR STOCHASTIC SOLVERS: ADVANCES IN UNCERTAINTY QUANTIFICATION                                     |              |  |             | UNCECOMP MS 13 - II<br>MONTE CARLO SAMPLING FOR STOCHASTIC SOLVERS: ADVANCES IN UNCERTAINTY QUANTIFICATION   |              | COMPDPYN MS 6<br>UNCERTAINTY QUANTIFICATION IN COMPUTATIONAL STOCHASTIC DYNAMICS: RECENT ADVANCES  |
| Nafsika B          | COMPDPYN MS 31 - II<br>ADVANCES AND CHALLENGES IN THE ASSESSMENT OF EXISTING BRIDGE STRUCTURES  |              |  |             | COMPDPYN MS 7 - I<br>DYNAMIC MONITORING OF MONUMENTAL BUILDINGS AND ARTISTIC GOODS   |              | COMPDPYN MS 7 - II<br>DYNAMIC MONITORING OF MONUMENTAL BUILDINGS AND ARTISTIC GOODS  |
| Nefeli A           | UNCECOMP MS 2 - I<br>PHYSICS-ENHANCED MACHINE LEARNING IN ENGINEERING   |              |  |             | UNCECOMP MS 2 - II<br>PHYSICS-ENHANCED MACHINE LEARNING IN ENGINEERING   |              | COMPDPYN MS 9<br>TIME INTEGRATION AND RESPONSE HISTORY ANALYSIS: CURRENT TRENDS IN THEORY AND PRACTICE   |
| Nefeli B           | COMPDPYN MS 23 - I<br>ADVANCED NUMERICAL METHODS IN DYNAMICS, PARTITIONED ANALYSIS AND COUPLED PROBLEMS                                       |              |  |             | COMPDPYN MS 23 - II<br>ADVANCED NUMERICAL METHODS IN DYNAMICS, PARTITIONED ANALYSIS AND COUPLED PROBLEMS   |              | COMPDPYN MS 34<br>ADVANCES IN DETERMINISTIC AND DATA-DRIVEN METHODS FOR DAMAGE AND FRACTURE MODELING   |
| Rotisserie         | COMPDPYN MS 54 - I<br>NOVEL TRENDS AND APPLICATIONS OF ISOLATION AND DISSIPATION DEVICES FOR IMPROVED RESILIENCE OF STRUCTURES TO EARTHQUAKES |              |  |             | COMPDPYN MS 54 - II<br>NOVEL TRENDS AND APPLICATIONS OF ISOLATION AND DISSIPATION DEVICES FOR IMPROVED RESILIENCE OF STRUCTURES TO EARTHQUAKES               |              | COMPDPYN MS 32<br>GROUND-BORNE NOISE AND VIBRATIONS INDUCED BY RAILWAY TRAFFIC AND CONSTRUCTION ACTIVITIES   |
| Alpha              | COMPDPYN MS 55 - I<br>OPTIMIZATION-DRIVEN DESIGN AND RETROFIT STRATEGIES FOR ENHANCING SUSTAINABILITY IN STRUCTURAL SYSTEMS                   |              |  |             | COMPDPYN MS 55 - II<br>OPTIMIZATION-DRIVEN DESIGN AND RETROFIT STRATEGIES FOR ENHANCING SUSTAINABILITY IN STRUCTURAL SYSTEMS                                 |              | COMPDPYN MS 55 - III<br>OPTIMIZATION-DRIVEN DESIGN AND RETROFIT STRATEGIES FOR ENHANCING SUSTAINABILITY IN STRUCTURAL SYSTEMS  |
| Gamma              | COMPDPYN MS 48 - II<br>DEVELOPING ACCURATE NONLINEAR NUMERICAL MODELS BASED ON EXPERIMENTAL RESULTS   | Coffee Break | UNCECOMP PLENARY LECTURES (Salon des Roses A)<br>C. Papadimitriou, W. Wall | Lunch Break | COMPDPYN MS 70<br>BEHAVIOUR OF STRUCTURES AND INFRASTRUCTURES WITH DEGRADED/CORRODED MEMBERS AND BEARINGS: EXPERIMENTAL CAMPAIGNS AND NUMERICAL APPLICATIONS | Coffee Break | COMPDPYN MS 63<br>ROCKING SYSTEMS IN STRUCTURAL ENGINEERING: FROM THE BEHAVIOR OF ROCKING BLOCKS AND ASSEMBLIES TO THE SEISMIC DESIGN AND PERFORMANCE OF MODERN ROCKING AND SELF-CENTERING SYSTEMS |
| Epsilon            | UNCECOMP MS 14 - I<br>OPTIMIZATION UNDER UNCERTAINTY  |              |  |             | UNCECOMP MS 7 - V<br>SURROGATE MODELS FOR UNCERTAINTY QUANTIFICATION: NEW TRENDS   |              | UNCECOMP MS 14 - II<br>OPTIMIZATION UNDER UNCERTAINTY  |
| Room A             | COMPDPYN TS 18 - I<br>REPAIR AND RETROFIT OF STRUCTURES   |              |  |             |  |              | COMPDPYN TS 18 - II<br>REPAIR AND RETROFIT OF STRUCTURES   |
| Room B             | COMPDPYN TS 15 - II<br>OPTIMUM DESIGN AND CONTROL IN STRUCTURAL DYNAMICS AND EARTHQUAKE ENGINEERING   |              |  |             |  |              | COMPDPYN TS 15 - III<br>OPTIMUM DESIGN AND CONTROL IN STRUCTURAL DYNAMICS AND EARTHQUAKE ENGINEERING   |
| Room C             | COMPDPYN TS 23 - I<br>SOIL-STRUCTURE INTERACTION & SOIL DYNAMICS  |              |  |             |  |              | COMPDPYN TS 23 - II<br>SOIL-STRUCTURE INTERACTION & SOIL DYNAMICS  |
| Room D             | COMPDPYN TS 26 - I<br>STEEL STRUCTURES  |              |  |             |  |              | COMPDPYN MS 60<br>ADVANCED DISSIPATIVE DEVICES FOR EARTHQUAKE RESISTANT STEEL STRUCTURES   |
| VIP Room           | COMPDPYN MS 59 - I<br>SEISMIC ASSESSMENT AND RETROFITTING OF EXISTING STEEL STRUCTURES: CURRENT PRACTICE AND FUTURE CHALLENGES                |              |  |             |  |              | COMPDPYN TS 26 - II<br>STEEL STRUCTURES  |
|                    |   |              |  |             |  |              | COMPDPYN MS 59 - II<br>SEISMIC ASSESSMENT AND RETROFITTING OF EXISTING STEEL STRUCTURES: CURRENT PRACTICE AND FUTURE CHALLENGES  |
|                    |   |              |  |             |  |              | COMPDPYN MS 29<br>LIFECYCLE CONSEQUENCE ANALYSIS OF BUILDINGS AND INFRASTRUCTURE SUBJECT TO EARTHQUAKES AND OTHER HAZARDS  |