

## TUESDAY 15 JULY

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| 8:30-9:30 Opening Ceremony & Group Photo <b>Unsplitted Room</b>                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                              |
| 9:30-9:50    Coffee Break                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                              |
| 9:50-10:40    Saber Elaydi (Chair: René Lozi) <b>Unsplitted Room</b><br>Title: A Journey Into Multiple Attractors                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                              |
| 10:40-11:30    Hinke Osinga <b>Unsplitted Room</b><br>Title: Fingerprints' of wild chaos                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                              |
| 11:30-13:30 Lunch, Change of Room Configuration                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                              |
| <p>13:30-15:35 <b>Room A</b><br/>Chair: Bernd Krauskopf and Hinke Osinga<br/>SS1: Geometry of and dynamics on complicated invariant sets<br/>5 speakers<br/>13:30-13:55 Indranil Ghosh (Online)<br/>13:55-14:20 Sanaz Amani<br/>14:20-14:45 Katsutoshi Shinohara<br/>14:45-15:10 Sam Doak<br/>15:10-15:35 Bernd Krauskopf</p>      | <p>13:30-15:35 <b>Room B</b><br/>Chair: Sanyi Tang, Yuanshun Tan and Xianghong Zhang<br/>SS12: The application of difference equations in impulsive dynamical systems<br/>5 speakers<br/>13:30-13:55 Sanyi Tang<br/>13:55-14:20 Changcheng Xiang<br/>14:20-14:45 Xianghong Zhang<br/>14:45-15:10 Zhongcai Zhu<br/>15:10-15:35 Qianqian Zhang</p> | <p>13:30-15:35 <b>Room C</b><br/>Chair: Ruyun Ma<br/>SS6: Spectra and topological methods in discrete boundary value problems<br/>5 speakers<br/>13:30-13:55<br/>13:55-14:20<br/>14:20-14:45<br/>14:45-15:10<br/>15:10-15:35</p>                                                                                             |
| <p>13:30-15:35 <b>Room D</b><br/>Chair: Xiulan Lai, Wanbiao Ma and Xiaotian Wu<br/>SS8: Advances in difference and/or differential equations modeling of biomedical systems: from molecular mechanisms to clinical applications<br/>5 speakers<br/>13:30-13:55<br/>13:55-14:20<br/>14:20-14:45<br/>14:45-15:10<br/>15:10-15:35</p> | <p>13:30-15:35 <b>Room E</b><br/>Chair: Shanshan Chen, Shuang Liu, Yuan Lou and Linlin Su<br/>SS9: Theory and applications of patch models<br/>5 speakers<br/>13:30-13:55 Fang Li<br/>13:55-14:20 Peng Zhou<br/>14:20-14:45 Lei Zhang<br/>14:45-15:10 Hao Kang<br/>15:10-15:35 Shuang Liu</p>                                                    | <p>13:30-15:35 <b>Room F</b><br/>Chair: Jiafu Wang, Lihong Huang, Lingling Zhang, Zengyun Wang and Lian Duan<br/>SS37: Advances in nonsmooth dynamical systems<br/>5 speakers<br/>13:30-13:55 Jiafu Wang<br/>13:55-14:20 Lingling Zhang<br/>14:20-14:45 Zengyun Wang<br/>14:45-15:10 Lian Duan<br/>15:10-15:35 Ting Chen</p> |
| 15:35-15:55 Coffee Break                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                              |
| <p>15:55-18:00 <b>Room A</b><br/>Chair: Shaofen Zou<br/>SS38: Investigation on dynamics of neural network models and epidemic models<br/>5 speakers<br/>15:55-16:20 Miguel A.F. Sanjuan<br/>16:20-16:45 Yanyu Xiao<br/>16:45-17:10 Wenjie Li<br/>17:10-17:35 Shiqin Ou<br/>17:35-18:00 Ruiqiang Zhuo</p>                           | <p>15:55-18:00 <b>Room B</b><br/>Chair: Jifa Jiang, Zhipeng Qiu and Dun Zhou<br/>SS14: Stochastic perturbations in difference/differential equations and multiscale dynamics<br/>4 speakers<br/>15:55-16:20<br/>16:20-16:45<br/>16:45-17:10<br/>17:10-17:35<br/>17:35-18:00</p>                                                                  | <p>15:55-18:00 <b>Room C</b><br/>Chair: Xiaoyue Li<br/>SS35: Asymptotic behaviors of discrete dynamical systems<br/>5 speakers<br/>15:55-16:20 Dingshi Li<br/>16:20-16:45 Lei Li<br/>16:45-17:10 Xiaoyue Li<br/>17:10-17:35 Zhongwei Liao<br/>17:35-18:00 Fengying Wei</p>                                                   |

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| <p><b>15:55-18:00 Room D</b></p> <p><b>Chair:</b> Chuncheng Wang, Weihua Jiang and Junjie Wei</p> <p><b>SS16:</b> Difference equation with continuous time and its applications</p> <p><b>5 speakers</b></p> <p>15:55-16:20</p> <p>16:20-16:45</p> <p>16:45-17:10</p> <p>17:10-17:35</p> <p>17:35-18:00</p> | <p><b>15:55-18:00 Room E</b></p> <p><b>Chair:</b> Shanshan Chen, Shuang Liu, Yuan Lou and Linlin Su</p> <p><b>SS9:</b> Theory and applications of patch models</p> <p><b>5 speakers</b></p> <p>15:55-16:20 Junyuan Yang</p> <p>16:20-16:45 Huichong Li</p> <p>16:45-17:10 Wei Gou</p> <p>17:10-17:35 Hua Zhang</p> <p>17:35-18:00 Shanshan Chen</p> | <p><b>15:55-18:00 Room F</b></p> <p><b>Chair:</b> Mingkan Ni</p> <p><b>SS32:</b> Applications and dynamics of multi-scale dynamical systems</p> <p><b>5 speakers</b></p> <p>15:55-16:20 Jianhe Shen</p> <p>16:20-16:45 Yuhua Cai</p> <p>16:45-17:10 Xiao Wu</p> <p>17:10-17:35 Zhengkan Li</p> <p>17:35-18:00 Zirui Zhu</p> |
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WEDNESDAY 16 JULY

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| 8:30-9:20 Wei-Mou Zheng (Chair: Miguel AF Sanjuan) Unsplitted Room<br>Title: Applied Symbolic Dynamics: from 1D to 2D to ODE                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 9:30-10:20 Sorin Olaru Unsplitted Room<br>Title: From Delay-Independent to Delay-Dependent Invariance: A Journey through Set-Theoretic Tools for Time-Delay Systems                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 10:20-10:40 Coffee Break                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 10:40-11:30 Weinian Zhang (Chair: Adina Luminita Sasu) 5 Unsplitted Room<br>Title: Iteration is Eraser                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 11:30-13:30 Lunch, Change of room configuration                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 13:30-15:35 Room A<br>Chair: Meng Fan, Ming Chen and Xin Zhao<br>SS2: Advances in discrete dynamical systems for ecological modeling<br>3 speakers<br>13:30-13:55<br>13:55-14:20<br>14:20-14:45<br>Regular<br>14:45-15:10 Nurul Huda Gazi (Online)<br>15:10-15:35 Omaina Slimani                                       | 13:30-15:35 Room B<br>Chair: Adina Luminița Sasu and Weinian Zhang<br>SS5: Asymptotic behaviors of difference equations and applications<br>5 speakers<br>13:30-13:55 Alvaro Castaneda (online)<br>13:55-14:20 Adina Luminita Sasu<br>14:20-14:45 Wenmeng Zhang<br>14:45-15:10 Yonghui Xia<br>15:10-15:35 Linfeng Zhou              | 13:30-15:35 Room C<br>Chair: Zhijun Liu and Lianwen Wang<br>SS29: Stability and bifurcation analysis of epidemic/species models<br>4 speakers<br>13:30-13:55 Lianwen Wang<br>13:55-14:20 Qian Jiang<br>14:20-14:45 Yong Yao<br>14:45-15:10 Jing Hu<br>Regular<br>15:10-15:35 Valery Gaiko                                                                                                                                                                                                                            |
| 13:30-15:35 Room D<br>Chair: Xianyi Li, Xiaoling Han, Mingshu Peng, Zunxian Li and Jie Liu<br>SS19: Stability and bifurcation problems in discrete dynamical systems<br>5 speakers<br>13:30-13:55 Hongxu Li<br>13:55-14:20 Xiaoling Han<br>14:20-14:45 Mingshu Peng<br>14:45-15:10 Tianxiu Lu<br>15:10-15:35 Xianyi Li | 13:30-15:35 Room E<br>Chair: Xiaofeng Luo, Yi Wang, Lili Chang and Yongxin Zhang<br>SS34: Population dynamics in networked reaction-diffusion systems<br>5 speakers<br>13:30-13:55 Yi Wang<br>13:55-14:20 Shupeng Gao<br>14:20-14:45 Xiaofeng Luo<br>14:45-15:10 Jing Li<br>15:10-15:35 Yongxin Zhang                               | 13:30-15:35 Room F<br>Chair: Shijie Zhou<br>SS33: Advances in numerical solutions for differential and difference equations: bridging theory, computation, and multiscale applications<br>5 speakers<br>13:30-13:55 Kele Sun<br>13:55-14:20 He Ma<br>14:20-14:45 Zhaonan Luo<br>14:45-15:10 Xinyu Cheng<br>15:10-15:35 Jichen Yang                                                                                                                                                                                   |
| 15:35-15:55 Coffee Break                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 15:55-18:00 Room A<br>Chair: Jiangong You and Qi Zhou<br>SS27: Spectral theory of quasiperiodic Schrödinger operator<br>5 speakers<br>15:55-16:20 Disheng Xu<br>16:20-16:45 Yunfeng Shi<br>16:45-17:10 Jing Wang<br>17:10-17:35 Ao Cai<br>17:35-18:00 Hongyi Cao                                                       | 15:55-18:00 Room B<br>Chair: Adina Luminița Sasu and Weinian Zhang<br>SS5: Asymptotic behaviors of difference equations and applications<br>4 speakers<br>15:55-16:20 Jiyu Zhong<br>16:20-16:45 Xiao Tang<br>16:45-17:10 Laurian Suciu (online)<br>17:10-17:35 Ana Siriantu (online)<br>Regular<br>17:35-18:00 Abdelrahim Mousa (2) | 15:55-18:00 Room C<br>Chair: Shugui Kang and Guang Zhang<br>SS10: Quantitative modeling and analysis for discrete dynamical systems: theoretical and empirical approaches<br>5 speakers<br>15:55-16:20<br>16:20-16:45<br>16:45-17:10<br>17:10-17:35<br>17:35-18:00                                                                                                                                                                                                                                                   |
| 15:55-18:00 Room D<br>Chair: Fangfang Liao<br>SS30: Open challenges and future directions of research in dynamical systems<br>5 speakers<br>15:55-16:20 Fangfang Liao<br>16:20-16:45 Baya Laadjal (Online)<br>16:45-17:10 Yanshan Chen<br>17:10-17:35 Chenxi Jiang<br>17:35-18:00 Hua Kong                             | 15:55-18:00 Room E<br>Chair: Xiaofeng Luo, Yi Wang, Lili Chang and Yongxin Zhang<br>SS34: Population dynamics in networked reaction-diffusion systems<br>2 speakers<br>15:55-16:20 Hongtao Zhang<br>16:20-16:45 Xiaojie Jing<br>Regular<br>16:45-17:10 Inessa Matveeva<br>17:10-17:35 Gennadii Demidenko<br>17:35-18:00 Hiba Zabat  | 15:55-18:00 Room F<br>Chair: Shijie Zhou<br>SS33: Advances in numerical solutions for differential and difference equations: bridging theory, computation, and multiscale applications<br>1 speaker Ying Wang<br>15:55-16:20<br>Chair: Jinzhi Lei, Yunfei Lv, Qihua Huang and Lai Zhang<br>SS28: Theory and applications of periodic and size-structured difference/differential equation models<br>4 speakers<br>16:20-16:45 Lai Zhang<br>16:45-17:10 Ruiwen Wu<br>17:10-17:35 Fuxiang Li<br>17:35-18:00 Jiawei Huo |

# THURSDAY 17 JULY

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| <p style="text-align: center;"><b>8:30-9:20 Xu Zhang Unsplitted Room</b></p> <p style="text-align: center;">Title: Diffeomorphisms with infinitely many Smale horseshoes</p>                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p style="text-align: center;"><b>9:30-10:20 Galina Strelkova Unsplitted Room</b></p> <p style="text-align: center;">Title: Noise-Controlled Spatio-Temporal Structures in Networks of Chaotic Maps</p>                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p style="text-align: center;"><b>10:20-10:40 Coffee Break</b></p>                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p style="text-align: center;"><b>10:40-11:30 ISDE General Meeting Unsplitted Room</b></p>                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p style="text-align: center;"><b>11:30-13:30 Lunch, Change of room configuration</b></p>                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p style="text-align: center;"><b>13:30-15:35 Room A</b></p> <p>Chair: Dongmei Xiao and Zhaoquan Xu</p> <p>SS15: Lattice dynamical systems and their applications</p> <p style="text-align: center;">5 speakers</p> <p>13:30-13:55 Chufen Wu</p> <p>13:55-14:20 Liyuan Ma</p> <p>14:20-14:45 Jiabing Wang</p> <p>14:45-15:10 Xiao Yu</p> <p>15:10-15:35 Yuzhou Tian</p>             | <p style="text-align: center;"><b>13:30-15:35 Room B</b></p> <p>Chair: Yu Zhao, Shi Zhao and Ting Kang</p> <p>SS22: Advances in modelling of zoonotic diseases using difference or differential equations and their applications</p> <p style="text-align: center;">5 speakers</p> <p>13:30-13:55 Zihao Guo</p> <p>13:55-14:20 Ting Kang</p> <p>14:20-14:45 Xin Pei</p> <p>14:45-15:10 Boqiang Cao</p> <p>15:10-15:35 Wenjuan Guo</p>             | <p style="text-align: center;"><b>13:30-15:35 Room C</b></p> <p>Chair: Juping Zhang, Hui Cao and Suxia Zhang</p> <p>SS23: The application of discontinuous systems in infectious diseases</p> <p style="text-align: center;">6 speakers</p> <p>13:30-13:55 Hui Cao</p> <p>13:55-14:20 Aili Wang</p> <p>14:20-14:45 Shanshan Feng</p> <p>14:45-15:10 Yuzhi Liu</p> <p>15:10-15:35 Hong Yang</p>                                                                               |
| <p style="text-align: center;"><b>13:30-15:35 Room D</b></p> <p>Chair: Guo Lin, Zhicheng Wang and Shiliang Wu</p> <p>SS26: Spatial dynamics of nonlinear evolution equations</p> <p style="text-align: center;">6 speakers</p> <p>13:30-13:55 Weiwei Ding</p> <p>13:55-14:20 Hongyong Wang</p> <p>14:20-14:45 Hao Kang</p> <p>14:45-15:10 Weijian Bo</p> <p>15:10-15:35 Guo Lin</p> | <p style="text-align: center;"><b>13:30-15:35 Room E</b></p> <p>Chair: Yongzhen Pei, Lei Wang and Xiaomei Feng</p> <p>SS13: Discrete and data dynamics in biology</p> <p style="text-align: center;">5 speakers</p> <p>13:30-13:55</p> <p>13:55-14:20</p> <p>14:20-14:45</p> <p>14:45-15:10</p> <p>15:10-15:35</p>                                                                                                                                | <p style="text-align: center;"><b>13:30-15:35 Room F</b></p> <p>Chair: Fengying Wei and Weiwei Ding</p> <p>SS21: Continuous and discrete dynamics of epidemic models and their advances in applications</p> <p style="text-align: center;">4 speakers</p> <p>13:30-13:55 Zhigui Lin</p> <p>13:55-14:20 Fengying Wei</p> <p>14:20-14:45 Weiwei Ding</p> <p>14:45-15:10 Ruibin Jiang</p> <p>15:10-15:35 Chaitanya Gopalakrishna</p>                                            |
| <p style="text-align: center;"><b>15:35-15:55 Coffee Break</b></p>                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p style="text-align: center;"><b>15:55-18:00 Room A</b></p> <p>Chair: Kalyan Das</p> <p>Regular: Ecology &amp; Epidemiological Dynamics</p> <p>15:55-16:20 Guoqiang Ren</p> <p>16:20-16:45 Jonathan Hoseana</p> <p>16:45-17:10 Kalyan Das</p> <p>17:10-17:35 Adalet Zeynep Esirgen (Online)</p> <p>17:35-18:00 Syeda Jabeen</p>                                                    | <p style="text-align: center;"><b>*15:55-18:00 Room B</b></p> <p>Chair: Yu Zhao, Shi Zhao and Ting Kang</p> <p>SS22: Advances in modelling of zoonotic diseases using difference or differential equations and their applications</p> <p style="text-align: center;">3 speakers</p> <p>15:55-16:20 Qianqian Cui</p> <p>16:20-16:45 Yu Zhao</p> <p>16:45-17:10 Jun Yang</p> <p>17:10-17:35 Jie Liu (SS19)</p> <p>17:35-18:00 Zunxian Li (SS19)</p> | <p style="text-align: center;"><b>15:55-18:00 Room C</b></p> <p>Chair: Juping Zhang, Hui Cao and Suxia Zhang</p> <p>SS23: The application of discontinuous systems in infectious diseases</p> <p style="text-align: center;">1 speaker</p> <p>15:55-16:20 Sha He</p> <p>Chair: Feng Xu, Yiming Wan, Shyam Kamal and Songlin Yang</p> <p>SS11: Control design topics for discrete-time dynamical systems</p> <p style="text-align: center;">4 speakers</p> <p>16:20-16:45</p> |

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| 15:55-18:00 <b>Room D</b><br>Chair: Guo Lin, Zhicheng Wang and Shiliang Wu<br>SS26: Spatial dynamics of nonlinear evolution equations<br>1 speaker<br>15:55-16:20 Xuefeng San<br>Chair: Wenmeng Zhang and Liu Liu<br>SS18: Iteration theory in difference equations<br>4 speakers<br>16:20-16:45<br>16:45-17:10<br>17:10-17:35<br>17:35-18:00 | 15:55-18:00 <b>Room E</b><br>Chair: Yongzhen Pei, Lei Wang and Xiaomei Feng<br>SS13: Discrete and data dynamics in biology<br>1 speaker<br>15:55-16:20<br>Chair: Chuangxia Huang, Jing Li, Shuqing Gong and Wenxi Li<br>SS36: Dynamics of discrete and continuous nonlinear systems: from difference equations to stochastic and neural models<br>4 speakers<br>16:20-16:45 Shuqing Gong<br>16:45-17:10 Lixi Wen<br>17:10-17:35 Ying Sheng<br>17:35-18:00 Liang Chen | 15:55-18:00 <b>Room F</b><br>Chair:<br>SS:<br>15:55-16:20<br>16:20-16:45<br>16:45-17:10<br>17:10-17:35<br>17:35-18:00 |

# FRIDAY 18 JULY

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| <p style="text-align: center;">8:30-9:20 James A. York (Chair: Saber Elaydi) <b>Unsplitted Room</b><br/> Title: What is the graph of a dynamical system?</p>                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p style="text-align: center;">9:30-10:20 Steve Baigent (Chair: ) <b>Unsplitted Room</b><br/> Title: Trivial but interesting dynamics</p>                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p style="text-align: center;">10:20-10:40 Coffee Break</p>                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p style="text-align: center;">10:40-11:30 B. A. Coomes, H. Kocak &amp; K. J. Palmer <b>Unsplitted Room</b><br/> Title: Homoclinic Chaos</p>                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p style="text-align: center;">11:30-13:30 Lunch, Change of room configuration</p>                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p style="text-align: center;">13:30-15:35 <b>Room A</b><br/> Chair: Jifeng Chu and Shimin Li<br/> SS24: Dynamics of difference and/or differential equations<br/> 5 speakers<br/> 13:30-13:55 Jifeng Chu<br/> 13:55-14:20 Shimin Li<br/> 14:20-14:45 Haihua Liang<br/> 14:45-15:10 Xun Wang<br/> 15:10-15:35 Jiangfeng Huang</p>                  | <p style="text-align: center;">13:30-15:35 <b>Room B</b><br/> Chair: Shanbing Li<br/> SS17: Dynamics of difference and/or differential equations in ecology<br/> 3 speakers<br/> 13:30-13:55 Yanqiu Li<br/> 13:55-14:20 Rui Li<br/> 14:20-14:45 Siyu Liu<br/> 14:45-15:10 Regular<br/> 15:10-15:35 Xiang Liu</p>                                             | <p style="text-align: center;">13:30-15:35 <b>Room C</b><br/> Chair: Yuming Chen, Genghong Lin, Yuhua Long and Zhan Zhou<br/> SS20: Advances in models and theories of nonlinear discrete systems<br/> 5 speakers<br/> 13:30-13:55<br/> 13:55-14:20<br/> 14:20-14:45<br/> 14:45-15:10<br/> 15:10-15:35</p>                                                                                                            |
| <p style="text-align: center;">13:30-15:35 <b>Room D</b><br/> Chair: Zhichun Yang, Qiru Wang, Xingwu Chen and Weisong Zhou<br/> SS31: Analysis and control of hybrid discrete-continuous systems<br/> 4 speakers<br/> 13:30-13:55 Limin Zhang<br/> 13:55-14:20 Fei Shi<br/> 14:20-14:45 Yuwei Li<br/> 14:45-15:10 Zhaolei Zhu<br/> 15:10-15:35</p> | <p style="text-align: center;">13:30-15:35 <b>Room E</b><br/> Chair: Alexander Lyapun and Tom Cuchta<br/> SS7: Recent results from time scales calculus<br/> 5 speakers<br/> 13:30-13:55<br/> 13:55-14:20<br/> 14:20-14:45<br/> 14:45-15:10<br/> 15:10-15:35</p>                                                                                             | <p style="text-align: center;">13:30-15:35 <b>Room F</b><br/> Chair: Wirot Tikjha, Davide Radi and Nicolò Pecora<br/> SS4: Smooth and piecewise smooth low-dimensional maps, theory and applications<br/> 5 speakers<br/> 13:30-13:55 Cavalli Fausto (Online)<br/> 13:55-14:20 Bula Inese (Online)<br/> 14:20-14:45 Ghosh Indranil (Online)<br/> 14:45-15:10 Sushko Iryna (Online)<br/> 15:10-15:35 Laura Gardini</p> |
| <p style="text-align: center;">15:35-15:55 Coffee Break</p>                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p style="text-align: center;">15:55-18:00 <b>Room A</b><br/> Chair: Eddy Kwessi, Amy Vesprauskas and Saber Elaydi<br/> SS3: Infectious diseases, evolutionary dynamics, and the allee effect in structured populations and environments<br/> 5 speakers<br/> 15:55-16:20<br/> 16:20-16:45<br/> 16:45-17:10<br/> 17:10-17:35</p>                   | <p style="text-align: center;">15:55-18:00 <b>Room B</b><br/> Chair: Yantao Shi, Chufen Wu, Dawei Zhang and Jianshe Yu<br/> SS25: Theoretical and applied advances in discrete biological dynamical systems<br/> 4 speakers<br/> 15:55-16:20 Qian Ding<br/> 16:20-16:45 Deyu Kong<br/> 16:45-17:10 Yantao Shi<br/> 17:10-17:35 Rong Yan<br/> 17:35-18:00</p> | <p style="text-align: center;">15:55-18:00 <b>Room C</b><br/> Chair: Yuming Chen, Genghong Lin, Yuhua Long and Zhan Zhou<br/> SS20: Advances in models and theories of nonlinear discrete systems<br/> 1 speaker<br/> 15:55-16:20<br/> Chair: Nataliia Nikishina<br/> Regular: Bifurcations and dynamics in neural systems<br/> 16:20-16:45 Veronika Rýžová (Online)</p>                                              |

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17:35-18:00                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                               | 16:45-17:10 <b>Nataliia Nikishina</b><br>17:10-17:35<br>17:35-18:00                                                                                                                                                                                                                                                                           |
| 15:55-18:00 <b>Room D</b><br>Chair: Abdelrahim Mousa<br>Regular: Economics & Game Theory<br><br>15:55-16:20 <b>Abdelrahim Mousa (1)</b><br>16:20-16:45 <b>Mourad Azioune</b><br>16:45-17:10 <b>Kailash Chandra Patidar</b><br>17:10-17:35 <b>Tomas Tichy</b><br>17:35-18:00 <b>Maksude Keleş Denk</b> | 15:55-18:00 <b>Room E</b><br>Chair: Alexander Lyapin and Tom Cuchta<br>SS7: Recent results from time scales calculus<br>3 speakers<br>15:55-16:20<br>16:20-16:45<br>16:45-17:10<br>17:10-17:35<br>17:35-18:00 | 15:55-18:00 <b>Room F</b><br>Chair: Davide Radi, Nicolò Pecora and Wirot Tikjha<br>SS4: Smooth and piecewise smooth<br>low-dimensional maps, theory and applications<br>4 speakers<br>15:55-16:20 <b>Radi Davide</b><br>16:20-16:45 <b>Pecora Nicolò</b><br>16:45-17:10 <b>Jicheng Duan</b><br>17:10-17:35 <b>Tikjha Wirot</b><br>17:35-18:00 |

## SATURDAY 19 JULY

|             |                  |                 |                                                                  |
|-------------|------------------|-----------------|------------------------------------------------------------------|
| 8:30-9:20   | Serhiy Yanchuk   | Unsplitted Room | Title: Discretizing delay systems can yield deep neural networks |
| 9:30-10:20  |                  | Unsplitted Room |                                                                  |
| 10:20-10:40 |                  | Coffee Break    |                                                                  |
| 10:40-11:30 | Jianshe Yu       | Unsplitted Room | Title:                                                           |
| 11:30-12:00 | Closing Ceremony | Unsplitted Room |                                                                  |