**Novel modelling insights into confined soft matter systems virtual seminar.**

**Monday 18th & Tuesday 19th May 2020**

**Virtual seminar hosted by ICMS in partnership with University of Strathclyde and Beijing International Centre for Mathematical Research, Peking University**

**Schedule for Monday 18th May 2020**

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| ***British Standard Time (BST)*** | ***China Standard Time (CST)*** | ***Central Daylight Time (CDT)*** | ***Eastern Daylight Time (EDT)*** |
| 10:00-10:15 (BST): Introductory remarks by Apala Majumdar | 17:00-17:15 (CST): Introductory remarks by Apala Majumdar | 04:00-04:15 (CDT):  Introductory remarks by Apala Majumdar | 05:00-05:15 (EDT):  Introductory remarks by Apala Majumdar |
| 10:15-11:00 (BST):  Lei Zhang, (Beijing International Center for Mathematical Research, Peking University): *Construct the Solution Landscape on a complicated energy landscape.* | 17:15-18:00 (CST):  Lei Zhang, (Beijing International Center for Mathematical Research, Peking University): *Construct the Solution Landscape on a complicated energy landscape.* | 04:15-05:00 (CDT):  Lei Zhang, (Beijing International Center for Mathematical Research, Peking University): *Construct the Solution Landscape on a complicated energy landscape.* | 05:15-06:00 (EDT):  Lei Zhang, (Beijing International Center for Mathematical Research, Peking University): *Construct the Solution Landscape on a complicated energy landscape.* |
| 11.00 - 11.45 (BST): Patrick Farrell, (Mathematical Institute, University of Oxford): *Computing multiple equilibria of nematic and smectic liquid crystals.* | 18:00-18:45 (CST):  Patrick Farrell, (Mathematical Institute, University of Oxford): *Computing multiple equilibria of nematic and smectic liquid crystals.* | 05:00-05:45 (CDT):  Patrick Farrell, (Mathematical Institute, University of Oxford): *Computing multiple equilibria of nematic and smectic liquid crystals.* | 06:00-06:45 (EDT):  Patrick Farrell, (Mathematical Institute, University of Oxford): *Computing multiple equilibria of nematic and smectic liquid crystals.* |
| 11.45-12.15 (BST): Break | 18:45-19:15 (CST):  Break | 05:45-06:15 (CDT):  Break | 06:45-07:15 (EDT):  Break |
| 12.15-13:00 (BST): Nigel Mottram, (University of Glasgow): *Elastic effects in liquid crystal droplets and thin-films.* | 19:15-20:00 (CST):  Nigel Mottram, (University of Glasgow): *Elastic effects in liquid crystal droplets and thin-films.* | 06:15-07:00 (CDT):  Nigel Mottram, (University of Glasgow): *Elastic effects in liquid crystal droplets and thin-films.* | 07:15-08:00 (EDT):  Nigel Mottram, (University of Glasgow): *Elastic effects in liquid crystal droplets and thin-films.* |
| 13:00-13.45 (BST): Chun Liu, (Illinois Institute of Technology): *Generalized law of mass action (LMA) with energetic variational approaches (EnVarA)* | 20:00-20:45 (CST):  Chun Liu, (Illinois Institute of Technology): *Generalized law of mass action (LMA) with energetic variational approaches (EnVarA)* | 07:00-07:45 (CDT):  Chun Liu, (Illinois Institute of Technology): *Generalized law of mass action (LMA) with energetic variational approaches (EnVarA)* | 08:00-08:45 (EDT):  Chun Liu, (Illinois Institute of Technology): *Generalized law of mass action (LMA) with energetic variational approaches (EnVarA)* |
| 13.45-14:00 (BST): Closing remarks | 20:45-21:00 (CST):  Closing remarks | 07:45-08:00 (CDT):  Closing remarks | 08:45-09:00:  Closing remarks |

**Schedule for Tuesday 19th May 2020**

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| ***British Standard Time (BST)*** | ***China Standard Time (CST)*** | ***Central Daylight Time (CDT)*** | ***Eastern Daylight Time (EDT)*** |
| 11:00-11:15 (BST): Introductory remarks by Apala Majumdar | 18:00-18:15 (CST): Introductory remarks by Apala Majumdar | 05:00-05:15 (CDT):  Introductory remarks by Apala Majumdar | 06:00-06:15 (EDT):  Introductory remarks by Apala Majumdar |
| 11.15 – 12:00 (BST): Lei Zhang, (Shanghai JiaoTong University): *Modeling and simulation of a microswimmer in nematic liquid crystal* | 18:15-19:00 (CST):  Lei Zhang, (Shanghai JiaoTong University): *Modeling and simulation of a microswimmer in nematic liquid crystal* | 05:15-06:00 (CDT):  Lei Zhang, (Shanghai JiaoTong University): *Modeling and simulation of a microswimmer in nematic liquid crystal* | 06:15-07:00 (EDT):  Lei Zhang, (Shanghai JiaoTong University): *Modeling and simulation of a microswimmer in nematic liquid crystal* |
| 12:00-12.30 (BST): Break | 19:00-19:30 (CST):  Break | 06:00-06:30 (CDT):  Break | 07:00-07:30 (EDT):  Break |
| 12.30-13:15 (BST): Yiwei Wang, (Illinois Institute of Technology): *A discrete energetic variational approach to generalized diffusions, gradient flows and beyond.* | 19:30-20:15 (CST):  Yiwei Wang, (Illinois Institute of Technology): *A discrete energetic variational approach to generalized diffusions, gradient flows and beyond.* | 06:30-07:15 (CDT):  Yiwei Wang, (Illinois Institute of Technology): *A discrete energetic variational approach to generalized diffusions, gradient flows and beyond.* | 07:30-08:15 (EDT):  Yiwei Wang, (Illinois Institute of Technology): *A discrete energetic variational approach to generalized diffusions, gradient flows and beyond.* |
| 13:15-14:00 (BST):  Jeff Chen, (University of Waterloo, Canada): *Rodlike molecules in extreme confinement* | 20:00-21:00 (CST):  Jeff Chen, (University of Waterloo, Canada): *Rodlike molecules in extreme confinement* | 07:15-08:00(CDT):  Jeff Chen, (University of Waterloo, Canada): *Rodlike molecules in extreme confinement* | 08:15-09:00 (EDT):  Jeff Chen, (University of Waterloo, Canada): *Rodlike molecules in extreme confinement* |
| 14:00-14:15 (BST): Closing remarks | 21:00-21:15 (CST):  Closing remarks | 08:00-08:15 (CDT):  Closing remarks | 09:00-09:15 (EDT):  Closing remarks |