

## 2020 Taiwan Mathematical Society Annual Meeting

**December 5, 2020 (Saturday)**

| Sessions        | Discrete Mathematics                                       | Optimization                                   | Information Mathematics                   | Number Theory and Algebra                    | Differential and Algebraic Geometry              | Probability                                       | Statistics  | Computational Mathematics                          | Dynamical Systems and Biomathematics             | Analysis                                     | Partial Differential Equations                |
|-----------------|--|--|---|--|--|---|---|--|--|--|---|
| Room            | MA301  | MA306  | MA307                                     | MA403  | MA405  | PH116   | PH118   | LH103  | LB401-402  | LB404-405                                    | LB406-407                                     |
| 08: 30 - 09: 30 | Registration   |  |   |  |  |   |   |  |  |  |   |
| 09: 30 - 10: 00 | Opening Ceremony (Chair: President Yng-Ing Lee)            |  |   |  |  |   |   |  |  |  |   |
| 10: 00 - 10: 50 | Plenary Lecture by Professor Mei-Chi Shaw (Online seminar) |  |   |  |  |   |   |  |  |  |   |
| 10: 50 - 11: 05 | Group Photo Session  |  |   |  |  |   |   |  |  |  |   |
| 11: 05 - 11: 20 | Coffee Break   |  |   |  |  |   |   |  |  |  |   |
| 11: 20 - 12: 05 | Chair: Speaker: Tung-Shan Fu                               | Chair: Ruey-Lin Sheu<br>Speaker: Pengwen Chen  | Chair: Wen-Lin Chiou<br>Speaker: Frank Su | Chair: Chia-Fu Yu<br>Speaker: Fu-Tsun Wei    | Chair: Nan-Kuo Ho<br>Speaker: Siye Wu            | Chair: Shuenn-Jyi Sheu<br>Speaker: Hsin-Hung Shih | Chair: Li-Shan Huang<br>Speaker: Yen-Tsung Huang      | Chair: Ming-Cheng Shiue<br>Speaker: Chien-Hong Cho | Chair: Jung-Chao Ban<br>Speaker: Jonq Juang      | Chair: Ming-Yi Lee<br>Speaker: Xiang Fang    | Cjair: Kung-Chien Wu<br>Speaker: I-Kun Chen   |
| 12: 05 - 14: 00 | Lunch  |  |   |  |  |   |   |  |  |  |   |
|                 | 12: 20-13: 50<br>Forum on Education                        |  |   |  |  |   |   |  |  |  |   |
| 13: 35 - 14: 00 | Chair: Speaker:  | Chair: Speaker:                                | Chair: Speaker:                           | Chair: Speaker:                              | Chair: Speaker:                                  | Chair: Speaker:                                   | Chair: Li-Shan Huang<br>Speaker: Henry Horng-Shing Lu | Chair: Speaker:                                    | Chair: Speaker:                                  | Chair: Speaker:                              | Chair: Speaker:                               |
| 14: 00 - 14: 25 | Chair: Speaker: Jephian Chin-Hung Lin                      | Chair: Pengwen Chen<br>Speaker: Jein-Shan Chen | Chair: Speaker: Joyce Jan                 | Chair: Fu-Tsun Wei<br>Speaker: Chun-Ju Lai   | Chair: Chung-Jun Tsai<br>Speaker: Chih-Chung Liu | Chair: Guan-Yu Chen<br>Speaker: Jyy-I Hong        |   | Chair: Wei-Fan Hu<br>Speaker: Yu-Hau Tseng         | Chair: Feng-Bin Wang<br>Speaker: Chang-Hong Wu   | Chair: Xiang Fang<br>Speaker: Kun-Chuan Wang | Chair: I-Kun Chen<br>Speaker: Chiun-Chang Lee |
| 14: 25 - 14: 50 | Chair: Speaker: Yuan-Hsun Lo                               | Chair: Pengwen Chen<br>Speaker: Wei-Shih Du    | Chair: Hsing Mei<br>Speaker: Allen Own    | Chair: Fu-Tsun Wei<br>Speaker: Jung-Miao Kuo | Chair: Chung-Jun Tsai<br>Speaker: Ching-Jui Lai  | Chair: Guan-Yu Chen<br>Speaker: Cheng-Hsun Wu     | Chair: Li-Shan Huang<br>Speaker: Hung Hung            | Chair: Wei-Fan Hu<br>Speaker: Po-Wen Hsieh         | Chair: Feng-Bin Wang<br>Speaker: Chih-Hung Chang | Chair: Xiang Fang<br>Speaker: Kuo-Zhong Wang | Chair: I-Kun Chen<br>Speaker: Ru-Lin Kuan     |
| 14: 50 - 15: 00 | Coffee Break   |  |   |  |  |   |   |  |  |  |   |
| 15: 00 - 15: 45 | Special Lecture by Professor Ching-Ray Chang<br>Chair:     |  |   |  |  |   |   |  |  |  |   |
| 15: 45 - 16: 00 | Coffee Break   |  |   |  |  |   |   |  |  |  |   |
| 16: 00-16: 50   | Plenary Lecture by 2020 Academic Award Winner<br>Chair:    |  |   |  |  |   |   |  |  |  |   |
| 16: 50 - 18: 10 | TMS Meeting & Award Ceremony                               |  |   |  |  |   |   |  |  |  |   |
| 18:30           | Banquet  |  |   |  |  |   |   |  |  |  |   |

## 2020 Taiwan Mathematical Society Annual Meeting

December 6, 2020 (Sunday)

| Sessions        | Discrete Mathematics   | Optimization                                    | Information Mathematics       | Number Theory and Algebra                        | Differential and Algebraic Geometry              | Probability                                    | Statistics   | Computational Mathematics                            | Dynamical Systems and Biomathematics              | Analysis                                      | Partial Differential Equations                 |
|-----------------|--|---|-------------------------------|--|--|--|--|--|---|---|--|
| Room            | MA301  | MA306   | MA307                         | MA403  | MA405  | PH116  | PH118  | LH103  | LB401-402   | LB404-405                                     | LB406-407                                      |
| 08: 30 - 09: 00 | Registration   |   |                               |  |  |  |  |  |   |   |  |
| 09: 00 - 09: 50 | Plenary Lecture by Professor Wee-Teck Gan ( Online seminar )<br>Chair: LH108 |   |                               |  |  |  |  |  |   |   |  |
| 09: 50 - 10: 10 | Coffee Break   |   |                               |  |  |  |  |  |   |   |  |
| 10: 10 - 10: 55 | Chair: Speaker: Hong-Gwa Yeh   | Chair: Ruey-Lin Sheu<br>Speaker: Chih-Jen Lin   | Chair: Speaker: Jimmy Chen    | Chair: Chun-Ju Lai<br>Speaker: Shih-Chang Huang  | Chair: Chung-Jun Tsai<br>Speaker: Ting-Jung Kuo  | Chair: Chii-Ruey Hwang<br>Speaker: Yuh-Jye Lee | 10: 10-11: 30<br>Chair: Hung Hung<br>Speaker: Chih-Chun Tsai,<br>Shih-Hao Huang, Li-Hsin Chien | Chair: Ming-Cheng Shiue<br>Speaker: Tsung-Ming Huang | Chair: Feng-Bin Wang<br>Speaker: Ting-Hui Yang    | Chair: Ming-Yi Lee<br>Speaker: Hao-Wei Huang  | Chair: Kung-Chien Wu<br>Speaker: Tsung-Fang Wu |
| 11: 00 - 11: 25 | Chair: Speaker: Hong-Bin Chen  | Chair: Ruey-Lin Sheu<br>Speaker: Chi-Tsuen Yeh  | Chair: Speaker: Tzer-jen Wei  | Chair: Chun-Ju Lai<br>Speaker: Kazuki Tokimoto   | Chair: Chung-Jun Tsai<br>Speaker: Siao-Hao Guo   | Chair: Lung-Chi Chen<br>Speaker: Yuki Chino    |  | Chair: Ming-Cheng Shiue<br>Speaker: Chi-Jen Wang     | Chair: Feng-Bin Wang<br>Speaker: Chang-Yuan Cheng | Chair: Hao-Wei Huang<br>Speaker: Ya-Shu Wang  | Chair: Tsung-Fang Wu<br>Speaker: Cheng-Fang Su |
| 11: 25 - 11: 50 | Chair: Speaker: Wei-Hsuan Yu   | Chair: Jein-Shan Chen<br>Speaker: Cheng-Feng Hu | Chair: Speaker: Yen-Lung Tsai | Chair: Chun-Ju Lai<br>Speaker: Yasuhiro Terakado | Chair: Chung-Jun Tsai<br>Speaker: Jheng-Jie Chen | Chair: Lung-Chi Chen<br>Speaker: May-Ru Chen   |  | Chair: Te-Sheng Lin<br>Speaker: Meng-Huo Chen        | Chair: Feng-Bin Wang<br>Speaker: Jui-Pin Tseng    | Chair: Hao-Wei Huang<br>Speaker: Hong-Yi Chen | Chair: Tsung-Fang Wu<br>Speaker: Ming-Jiea Lyu |
| 11: 50 - 12: 15 | Chair: Speaker:  | Chair: Jein-Shan Chen<br>Speaker: Hsin-Min Sun  | Chair: Speaker:               | Chair: Chun-Ju Lai<br>Speaker: Tse-Chung Yang    | Chair: Chung-Jun Tsai<br>Speaker: Ser-Wei Fu     | Chair: Lung-Chi Chen<br>Speaker: Li-Hsien Sun  | Chair: Speaker:  | Chair: Te-Sheng Lin<br>Speaker: Jia-Wei Lin          | Chair: Speaker:                                   | Chair: Speaker:                               | Chair: Tsung-Fang Wu<br>Speaker: Hsin-Yi Lee   |
| 12: 15 - 14: 00 | Lunch  |   |                               |  |  |  |  |  |   |   |  |
|                 | 12: 15-13: 45<br>Forum of Female Mathematicians MA307                        |   |                               |  |  |  |  |  |   |   |  |
| 12: 15 - 12: 40 | Chair: Speaker:  | Chair: Speaker:                                 | Chair: Speaker:               | Chair: Speaker:                                  | Chair: Speaker:                                  | Chair: Speaker:                                | Chair: Speaker:  | Chair: Speaker:                                      | Chair: Speaker:                                   | Chair: Speaker:                               | Chair: Speaker:                                |
| 13: 35 - 14: 00 | Chair: Speaker:  | Chair: Speaker:                                 | Chair: Speaker:               | Chair: Speaker:                                  | Chair: Speaker:                                  | Chair: Speaker:                                | Chair: Speaker:  | Chair: Speaker:                                      | Chair: Speaker:                                   | Chair: Speaker:                               | Chair: Speaker:                                |
| 14: 00 - 14: 25 | Chair: Speaker:  | Chair: Ruey-Lin Sheu<br>Speaker: Jen-Yen Lin    | Chair: Speaker:               | Chair: Speaker:                                  | Chair: Speaker:                                  | Chair: Speaker:                                | Chair: Speaker:  | Chair: Speaker:                                      | Chair: Speaker:                                   | Chair: Speaker:                               | Chair: Speaker:                                |
| 14: 25 - 14: 50 | Chair: Speaker:  | Chair: Speaker:                                 | Chair: Speaker:               | Chair: Speaker:                                  | Chair: Speaker:                                  | Chair: Speaker:                                | Chair: Speaker:  | Chair: Speaker:                                      | Chair: Speaker:                                   | Chair: Speaker:                               | Chair: Speaker:                                |
| 14: 50 - 15: 15 | Chair: Speaker:  | Chair: Speaker:                                 | Chair: Speaker:               | Chair: Speaker:                                  | Chair: Speaker:                                  | Chair: Speaker:                                | Chair: Speaker:  | Chair: Speaker:                                      | Chair: Speaker:                                   | Chair: Speaker:                               | Chair: Speaker:                                |
| 15: 15 - 15: 40 | Chair: Speaker:  | Chair: Speaker:                                 | Chair: Speaker:               | Chair: Speaker:                                  | Chair: Speaker:                                  | Chair: Speaker:                                | Chair: Speaker:  | Chair: Speaker:                                      | Chair: Speaker:                                   | Chair: Speaker:                               | Chair: Speaker:                                |
| 15:40           | Closing  |   |                               |  |  |  |  |  |   |   |  |