



International Community of Teachers of Mathematical Modelling and Applications

**ICTMA International Business Meeting held at The University of Hong Kong,
Hong Kong, at 11:45 am, July 26, 2019.**

Attendees:

Alina ALWAST, Keng Cheng ANG, Jonas Bergman ÄRLEBÄCK, Ilja AY, Werner BLUM, Jill BROWN, Nils BUCHHOLTZ, Hugh BURKHARDT, Susanna CARRERIA, Xiaming CHEN, Jing CHENG, Peter COLLIGNON, Saúl Ernesto COSMES ARAGÓN, Dirk DE BOCK, Angeles DOMINGUEZ, Yun Peng DUAN (NinYang HS), Rina DURANDT, Peter FREJD, Lina FRENKEN, Takumi FUKUSHIMA, Peter GALBRAITH, Vince GEIGER, Sevinç GÖKSEN-ZAYIM, Gilbert GREEFRATH, Qu GONG, Flavio GUINEZ, Ragnhild HANSEN, Luisa-Marie HARTMANN, Lindy HEARNE, Takaaki HOMMA, Jian HUANG, Toshikazu IKEDA, Masaakin ISHIKAWA, Xiao-Yu JIA, Cyril JULIE, Gabriele KAISER, Suela KACERJA, Masafumi KANEKO, Yosuke KAWATA, Takahashi KOHEI, Erna LAMPEN, Jean-Marie LANTON, Frederick LEUNG, Cailu LIN (Shenzhen Louan PS), Xiaoli LU, Desmond MAK, Azita MANOUCHERI, Muzi MANZINI, Kanko MASOFURI, Duncan MHAKURE, Laurent MOUTET, Elena NAFTALIEV, Atsushi NAMIKI, Mogens NISS, Daniel OREY, Rina OSATO, Friederike OSTKIRCHEN, Chun Young OH, Dirk PIK, Yuriy ROGOVCHENKO, Svitlana ROGOVCHENKO, Songlin RAO, Hua Yang RON, Milton ROSA, Akihiko SAEKI, Marcus SCHMITZ, Sarah SCHOBRODT, Stanislaw SCHUKAJLOW, Douglas SCHUSTER, Serife SEVINC, Hans-Stefan SILLER, Kerri SPOONER, Lisa STEFFENSEN, Gloria STILLMAN, Hiro TAKEI, Rintaro UEDA, Keita UEMATSU, Henk Van Der KOOIJ, Yangyu WANG, Dirk WESSELS, Raphael WESS, Jinxing XIE, Binyan XU, Sonia YVAIN-PRÉBISKI, Ren ZHANG, Yueqin ZHANG [86 attendees]

Apologies: Stephen Lewis (USA), Jennifer Czocher (USA).

1. **Welcome.**
2. **Minutes of Previous Meeting** were confirmed and emailed to members previously through the List Serve. These are available on the ICTMA website.
3. **Business arising from minutes.**
4. **President's Report on ICTMA Activities** since last meeting (Gloria Stillman)
 - a) **ICTMA 18** in South Africa was successful.
 - b) **ICTMA Early Career Research Award.** For the next two ICTMAs this be called The Helena Wessels ICTMA Bursary. Funds provided by donations and surplus from ICTMA18. Details and application form will be on the ICTMA website.
 - c) **ICTMA Books in Springer Series**
 - a. Stillman, Blum & Kaiser published 2017
 - b. Stillman, Kaiser & Lampen in final stages of manuscript acceptance and editing. GS took full responsibility for the delays here.
 - c. Guidelines for next book arising from this conference will be on website shortly.
 - d) **July 2020 – ICME 14 in Shanghai**

- a. **TSG 22 Mathematical applications and modelling in mathematics education** (Gilbert Greefrath and Cristina Esteley Chairs with Susana Carriera) in organizing team
- b. **Affiliated Study Group Session**- 90 minute session allocated
- c. **Survey Team 4 – The teaching and learning of mathematical modelling and interdisciplinary mathematics educations** (myself as chair and Jussara Araújo, Morten Blomhoej, Angeles Dominguez, Toshikazu Ikeda and Stanislaw Schukajlow with Gabriele Kaiser as Liason Person

5. Publications

5.1 Next Book in ICTMA Series

All full participants in ICTMA 19 will receive a copy of the next book we produce in this series.

TENTATIVE TITLE *Mathematical Modelling Education in East and West*

Editors: **Frederick Leung, Gloria Ann Stillman, Gabriele Kaiser + one other**

The book will be part of the Springer Series [*International Perspectives on the Teaching and Learning of Mathematical Modelling*](#).

International experts will referee submitted chapters. If you are asked to review chapters please do so in a timely and deep manner. This is critical for producing a high quality book on time.

Chapters from regular sessions are to be received by **15th October 2019**. Usually there are revisions to do. Please complete English editing before submitting a chapter. Instructions for authors will be uploaded to the ICTMA19 and the ICTMA website shortly. Please follow these carefully so as to reduce the work of editors and help streamline the book production. All Chapters must be original work and not submitted for consideration for publishing elsewhere. Chapters must address applications and modelling and be embedded in literature. The book is limited in size so this will mean the number of chapters you can author is restricted.

5.2 Other Publishing Opportunities – Special Issues (**Gabriele Kaiser**)

6. Elections (conducted by Registrar, Angeles Dominguez):

One vacancy exists for President

Nominee: Gabriele Kaiser. As there are no other nominees, Gabriele. Kaiser is declared duly elected.

Two vacancies exist for an elected member on the International Committee of the ICTMA Executive for a 4 year term.

Nominees: Vince Geiger (Australia), Gilbert Greefrath (Germany) and Azita Manouchehri (USA).

As there are more nominees than positions an election will be held. These will be conducted by Angeles with Peter Galbraith as scrutineer.

Vince Geiger (Australia), Gilbert Greefrath (Germany) were declared elected.

7. Co-opted members of international executive:

The following co-opted members are recommended by the ICTMA Executive to be confirmed by acclamation by the members at the business meeting:

Angeles Dominguez (Mexico) for a third term,

Milton Rosa (Brazil) for a second term

Akihiko Saeki (Japan)

Move: Vote of thanks to retiring committee members Jinxing Xie (China), Susana Carreira (Portugal) for their work on the committee.

8. ICTMA20

The next ICTMA conference will be in Würzburg, Germany, chaired by Hans-Stefan Siller in 2021.

9. ICTMA21 Expressions of Interest:

Expressions of Interest for ICTMA21 were opened on June 11. Details are on the website.

10. THANKS TO Frederick Leung and Alfred Cheung for all the hard work organizing ICTMA19.

11. Incoming International Executive Committee 2019-2021

President: Gabriele Kaiser (Germany)

Conference Organisers:

Erna Lampen (South Africa)

Frederick Leung (Hong Kong, China)

Hans-Stefan Siller (Germany)

Elected members:

Jill Brown (Australia)– SECRETARY & COMMUNICATIONS PORTFOLIO

Vince Geiger (Australia)

Gilbert Greefrath (Germany)

Co-opted Members:

Angeles Dominguez (Mexico) - REGISTRAR

Milton Rosa (Brazil)

Akihiko Saeki (Japan)

11. Other Business

12. Presentation on ICTMA20.

13. Close of meeting by outgoing President.

Next Meeting in Würzburg, Germany.