

We would be most grateful if you would post the short notice below on notice boards, lists & blogs and pass it on to colleagues who may like to attend.

**15th International Conference of The Mathematics Education for the Future Project
*Theory and Practice: An Interface or A Great Divide?***

Location: Maynooth University, Kildare, Ireland

Date: 4-9 August 2019

Email: alan@cdnalma.poznan.pl

The Mathematics Education for the Future Project was founded in 1986 as an international non-profit body to encourage innovation in mathematics, statistics, science & computer education. Since 1999 there have been 14 conferences throughout the world culminating in our Hungary Conference in September 2017, attended by 125 people from 22 countries. The conferences are renowned for their friendly and productive atmosphere and attract many of the *movers and shakers* in education.

Join us at our 2019 Conference in Ireland... Why?

First

The people: meet educators from all over the world working on new ideas in the teaching of mathematics, statistics, informatics and science. At our last conference 125 people attended from 22 countries, giving both practitioners and researchers opportunities to develop future international links for research projects.

Second

The place: Maynooth is Ireland's only University town, with two higher education institutions, Maynooth University and St. Patrick's College, which together share one campus. Both institutions can trace their history to the original college established in 1795, and are built on the grounds of Maynooth Castle. Remains of this 12th century Norman Castle still stand at the entrance to the south campus. Maynooth University lies alongside beautiful and tranquil countryside and the charming town of Maynooth. See the specially prepared photo album after our site inspections: [MaynoothPhotos](#)

Third

To participate in a programme specially designed to be useful and practical. As well as many varied and interesting papers, there will be Workshops, small interactive Working Groups, and the creative Open Forum of Ideas.

Fourth

To meet, talk, work, eat and drink with old and new friends and colleagues from around the world in a relaxing and peaceful environment. To enjoy together the Welcome Reception, Gala Dinner and a half day excursion

Fifth

For research students/lecturers free double blind peer review is available for fully registered presenters. In addition all presented papers will be published in the printed conference proceedings and on the post-conference on-line web page.

Sixth

To hear new ideas from, and work with, our specially invited guests including Douglas Butler

from the UK, Bradford (Brad) Hansen-Smith and Gail Burrill from the USA, Luckson Kaino from Tanzania, Jasia Morska and Kasia Banach from Poland and Jan de Lange from the Netherlands.

Bradford (Brad) Hansen-Smith



Brad worked for many years as a sculptor, casting bronze and welding steel before taking a serious interest in the spatial patterns he was using, which led him to the work of Buckminster Fuller and to geometry. For twenty-five years he has been exploring folding circles and developing his own unique approach – called Wholemovement.

Brad has worked in schools at all grade levels and with home school groups, sharing what he discovers with students, teachers, and parents. Teaching is an integral part of his exploration. For twenty-five years he has been giving workshops throughout the USA and has been invited to international conferences to present his work. Many of you will remember his unique and stimulating workshops at our previous conferences. Every few years he compiles what he has discovered and writes a book, seven so far, to encourage others to become involved and informed through their own circle folding experience. Come and join him in Ireland and learn more about Wholemovement and how to make these beautiful and mathematically rich constructions from folded paper plates! www.wholemovement.com

Luckson Muganyizi Kaino



Luckson Kaino is an experienced academic and researcher with about 30 years in the education sector. Having taught in Tanzania as a teacher and curriculum developer, Luckson spent about 25 years working outside Tanzania as a lecturer and professor at a number of universities. He has written books, book chapters, published many articles in peer reviewed journals and as guest editor in special journals. Luckson has been a guest speaker at various national and international forums in mathematics, science, technology and social sciences. His main research interest has been on mathematical modelling in mathematics curriculum. He is now the Deputy Provost for Academic Affairs at Josiah Kibira College of Tumaini University in Tanzania and also the current president of a prestigious social research institution in Africa based in Addis Ababa, Ethiopia. He believes strongly that mathematics has important connections with the social sciences.

Jasia Morska



Janina (Jasia) Morska is a teacher, a teacher educator, an educational technology specialist and an internationally qualified Tour Manager and guide, speaking four languages fluently. She has written many publications on teaching mathematics and has been invited to speak frequently at the National Polish Teachers Annual Meetings (SNM). She worked for many years with the innovative Teacher Training Institute CDNALMA as well as leading teacher training workshops for CASIO/ZIBI. She spent three years as sole author creating the Polish National Programme for Mathematics and Physics, which is still available online. She has been a co-organiser of the Mathematics Education for the Future Project Conferences, in Poland in 2001, Montenegro in 2014, Sicily in 2015 and Hungary in 2017, where she presented a paper on her innovative project work in Poland and Italy. She has been invited to speak at international conferences in Gdansk, Poland and the Philippines and was recently invited to Italy as part of an innovative cooperation with Italian teachers and schools. See her blog <https://matematyczneimpresje.blogspot.com/> for further details.

Gail Burrill



Currently an Academic Specialist in the Program for Mathematics Education at Michigan State University, Gail Burrill was a secondary teacher and department chair in suburban Milwaukee, Wisconsin for over 28 years. She received the Presidential Award for Excellence in Teaching Mathematics, the NCTM Life-Time Achievement Award, is an elected member of the International Statistics Institute, and served as President of the National Council of Teachers of Mathematics and as Director of the Mathematical Sciences Education Board. Burrill co-chaired the College Board Commission on the Calculus Framework and is currently chair of the College Board's Advanced Placement Calculus Development Committee. She directed the Teachers Program component of the Park City Mathematics Institute, is currently the President of the International Association of Statistical Education, and is a T³ National Instructor. Her research interests are statistics education, the use of technology in teaching mathematics, and professional development for mathematics teachers.

Jan de Lange



Prof. Em. Dr. Jan de Lange is Professor Emeritus from Utrecht University, the Netherlands. Educated as a mathematician, his interest became more and more on how we learn mathematics and science. As part of his developmental research he developed many educational materials from the 70's onward, in several countries and from grade K-12. Much of his work was carried out in the USA, in collaboration with the university of Wisconsin at Madison, and with Learning in Motion in California.

He served on the executive of the mathematical Education Board in Washington D.C., as Chair of the International Mathematics Expert Committee of PISA (OECD), was visiting professor in Wisconsin, Honorary Director of the Shanghai Mathematics Education Institute and was awarded the ISSDE (international society for design and development in education) prize for lifelong achievement in math and science education.

Douglas Butler



Douglas Butler from the UK will give the conference a flying start with a characteristically up-beat opening keynote. Douglas' talks are often described as 'a bit different', because he draws on a life-time of experience, including working in Industry, leading the innovative and influential MEI Project and as Head of Mathematics at Oundle School in the UK.

For the past 17 years Douglas has travelled the world as organiser of the highly successful TSM workshops showing teachers a much more effective way of integrating technology into the mathematics classroom. He is head of the development team for **Autograph**, the internationally acclaimed software designed for mathematics teachers who love their subject and prefer their technology to have a simple, pedagogically focussed interface. See www.tsm-resources.com/autograph. Douglas is a keen sailor and a pianist and musician, as many will recall from our previous conferences! He is enjoying taking up the violin again, as leader of the spirited ensemble nicely called "The Rusty Players of Oundle".

Kasia Banach



Katarzyna (Kasia) Banach is a highly qualified and experienced teacher and therapist. She was Vice-Director of Gimnazjum nr 1 (2008-2009) and for the past 5 years has been head teacher of Primary School nr 7 im. Janusza Korczaka in Gizycko, Poland. She has Masters Degrees in English Philology from the University of Gdansk and in Therapy from the Maria Grzegorzewska University in Warsaw and has completed postgraduate studies in Educational Organization, Management and Leadership. She was Local Coordinator of the "Helping Hand" Project (2009-2011) and International Coordinator of the Project "School can be fun" (2016-2018) both of which were innovative and influential projects in Poland. She has worked especially in formative assessments, visual thinking, and John Hattie's research-rules for educators.

First Announcement and Call for Papers

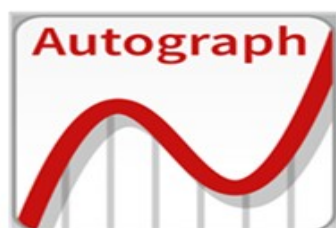
15th International Conference of The Mathematics Education for the Future Project

Theory and Practice: An Interface or A Great Divide?

4th-9th August, 2019, Maynooth University, Kildare, Ireland

In cooperation with the Budapest Semesters in Mathematics Education, the Hong Kong Institute of Education, MACAS, MUED, DQME II, DQME3, MAV, AWM, AAMT, Wholemovement, Mathematics Education Centre, Institute for Mathematics, Faculty of Sciences, Eötvös Lóránd University, Budapest, International Symmetry Association, www.symmetry.hu and WTM-Verlag (Wissenschaftliche Texte und Medien – scientific texts and media).

Major Sponsors: Autograph <http://www.autograph-maths.com/> and Fáilte Ireland www.failteireland.ie



Our Invitation

The Mathematics Education for the Future Project warmly welcomes you to our 15th International Conference to be held from August 4th-9th, 2019 at Maynooth University in the midst of the beautiful and tranquil Irish countryside and yet only a short distance from Dublin itself. See <https://www.maynoothuniversity.ie/>



The conference will open with an evening Welcome Reception on arrival day, Aug 4th, and will finish with breakfast on departure day Aug 9th. This means five nights accommodation and four working days.

Our conferences are renowned for their **friendly and productive working atmosphere** and are attended by innovative teachers and mathematics educators from all over the world – for example 44 countries were represented at our 2009 conference in Dresden, Germany.

The conference in Ireland follows on from our fourteen previous Project Conferences held in the following places: next to the pyramids in Cairo in 1999, in the historic

Holy Land in Jordan in 2000, a country retreat in Poland in 2001, where the Great Barrier Reef meets the rain forest in Australia in 2001, on the beautiful coast of Sicily in 2002, in Brno, the historic capital of Moravia, Czech Republic in 2003, in Ciechocinek, a historic spa town in Poland in 2004, in Malaysia overlooking the Straits of Johor in 2005, in the scenic surroundings of Charlotte, North Carolina, USA in the New World in 2007, in the splendour of Dresden in 2009, amidst the natural beauty of South Africa in 2011, on the spectacular Balkan coast of Montenegro in 2014, in the historic island of Sicily in Catania in 2015 and at Balatonfured in Hungary on the shores of Lake Balaton in 2017.

The Conference is organised by the Mathematics Education for the Future Project – an independent international educational initiative coordinated by Dr. Alan Rogerson (Poland/UK). Since its inception in 1986, our Project has received support and funding from many educational bodies and institutions throughout the world including the British Council and UNESCO. In 1992 UNESCO published our Project Handbook "Moving Into the 21st Century" as Volume 8 in the UNESCO series *Studies In Mathematics Education*.

Information about our project can be found on the following webpages.

- Our Project Home Page: <http://math.unipa.it/~grim/21project.htm> leads directly to the paper proceedings of all conferences prior to South Africa.
- [ProceedingsSouthAfrica](#) gives the proceedings of the South Africa conference in 2011.
- <http://directorymathsed.net/montenegro/> has the proceedings of our conference in Montenegro in 2014.
- <http://directorymathsed.net/public/CataniaConferenceDocuments&Papers/> has the Proceedings from our Catania Conference 2015
- [Hungary Conference Documents](#) contains all the papers and other documents from our Hungary Conference in 2017
- [Ireland Conference Documents](#) contains all documents relevant to our Ireland Conference in 2019
- <https://alantrogerson.imgur.com/> has three photo albums from our last three conferences
- Andreas Filler at <http://www.afiller.de/charlotte07> has a photo album from our Charlotte Conference in 2007.

The Mathematics Education for the Future Project is dedicated to the improvement of mathematics education worldwide through the publication and dissemination of innovative ideas and materials. Many prominent mathematics educators have supported and contributed to the project, including the late Tatsuro Miwa, Hans Freudental, Andrejs Dunkels and Hilary Shuard, as well as Bruce Meserve and Marilyn Suydam, Alan Osborne and Margaret Kasten, Mogens Niss, Tibor Nemetz, Ubi D'Ambrosio, Brian Wilson, Henry Pollak, Werner Blum, Roberto Baldino, Wacław Zawadowski, and many others throughout the world.

How did our conferences start?

In the 1970s a series of annual conferences were organized by the CIEAEM in Europe. They were distinguished by their friendly, relaxed and informal programme (including an Open Forum of Ideas) and the fact that the conferences were always held in beautiful places. Those early CIEAEM Conferences were the model for our own Project Conferences and are highly appreciated by participants according to their

feedback. Our conferences always meet in a beautiful place, so that the relaxing and supportive atmosphere will stimulate us to work together. Maynooth, Ireland in 2019 will be just such a place.

Mathematics Education for the Future Project National Representatives

Prof. Gail Burrill USA, Prof. Maria Flavia Mammana Italy, Prof. Dr. Ivan Meznik Czech Republic, Dr. Hanan Innabi Jordan/Sweden, Prof. Wacek Zawadowski Poland, Prof. Miriam Amit Israel, Prof. Noor Azlan Ahmad Zanzali Malaysia, Prof. Dr. Gunter Graumann Germany, Dr. Marjorie Henningsen Lebanon, Prof. Dr. Franco Favilli Italy, Prof. Gunnar Gjone Norway, Prof. George Malaty Finland, Prof. Willy Mwakapenda South Africa, Dr. Maria Luisa Oliveras Spain, Lionel Pereira-Mendoza Canada, Dr. Fatimah Saleh Malaysia, Dr. Maher Y. Shower USA, Prof. Anthony Sofo Australia, Prof. Teresa Vergani Portugal, Prof. Derrick Young South Africa, Prof. Angel Balderas Mexico, Dr. René Berthelot France, Dr. Cinzia Bonotto Italy, Dr. Jean Michel Hanna Egypt, Dr. Reda Abu-Elwan Oman, Assistant Prof. Othman Alsawaie UAE, Prof. Indira Chacko India.

Ireland 2019 Conference Committees

International Organising Committee (IOC)

Alan Rogerson & Jasia Morska in consultation with the Project Advisory Body

Local Organising Committee (LOC)

Dr Fiona Faulkner, Lecturer of Mathematics, Dublin Institute of Technology, Ireland.
(Co-chairperson)

Dr Mark Prendergast, Assistant Professor in Mathematics Education, School of Education, University of Dublin, Trinity College, Ireland. (Co-chairperson)

Dr. Ciarán Mac an Bhaird, Lecturer and MSC Director, Department of Mathematics and Statistics, Maynooth University, Ireland.

Dr. Niamh O'Meara, Lecturer in Mathematics Education, National Centre for STEM Education (EPITEM), School of Education, University of Limerick, Ireland.

International Program Committee

Coordinator Dr. Alan Rogerson (UK/Poland).

Prof. Khaled Abuloum, University of Jordan (Jordan).

Prof. Miriam Amit, Ben-Gurion University of the Negev (Israel)

Prof. Roberto Baldino, UNESP (Brazil).

Dr. Andy Begg, Auckland University of Technology (New Zealand).

Dr. Donna F. Berlin, The Ohio State University (USA).

Prof. Ubiratan D'Ambrosio, Campinas/UNICAMP (Brazil).

Prof. Bruno D'Amore, University of Bologna (Italy) and Columbia.

Prof. Dr. Tilak de Alwis, Southeastern Louisiana University (USA).

Prof. Paul Ernest, University of Exeter (UK).

Prof. Dr. Günter Graumann, University of Bielefeld (Germany)

Dr Hanan Innabi, Gothenburg University (Sweden)

Prof. Nicolina Malara, University of Modena (Italy).

Prof. Maria Flavia Mammana, University of Catania (Italy).

Prof. Lionel Pereira Mendoza, Educational Consultant (Canada).

Prof. Dr. Ivan Mezník, Brno University of Technology (Czech Republic).

Prof. Fayez Mourad Mina, Faculty of Education-Ain Shams University (Egypt)

Mgr. Janina Morska, Szkoła Podstawowa nr 7, Gizycko (Poland)
Prof. Dr. M. Ali M. Nassar, Institute of National Planning (Egypt).
Dr. Catherine Paolucci, State University of New York at New Paltz (USA)
Prof. Angela Pesci, University of Pavia (Italy).
Prof. Dr. David Pugalee, University of North Carolina at Charlotte (USA).
Prof. Dr. Eugeny Smirnov, Yaroslavl State Pedagogical University (Russia).
Dr. Arthur L. White, The Ohio State University (USA).
Prof. Noor Azlan Ahmad Zanzali, Universiti Teknologi Malaysia (Malaysia).
Prof. Wacek Zawadowski, Siedlce University (Poland).

Developing Quality in Mathematics Education (DQME)

The European Union Comenius Continuation Project: DQME II (Developing Quality in Mathematics Education) (2007-2010) followed on from the original DQME I project (2004-2007) which produced an enormous amount of practical classroom materials, as well as many new ideas for learning and teaching mathematics. These materials have been available since 2006, throughout the 11 partner countries and in 10 languages, via the DQME project website.

DQME3 was created to continue the work of these projects after 2010, beginning with a special international meeting from June 29 to July 2, 2010 in Ciechocinek, Poland. to establish DQME3. There will be a full report of the progress of DQME3 during the Ireland Conference including an on-going project in Tuscany, Italy involving local teachers and schools.

The DQME now has a NEW permanent home in Poland, hosted by Alan Rogerson and webmaster Michal Fryska who is in the process of installing the website on a Linux Server and we will let you know the new website address later in 2018. Please bookmark the NEW address and recommend it to your teacher colleagues because it contains literally 1000s of practical materials tested and ready for use in the classroom, organised in 10 languages and by age level and mathematical content. To download all materials it is necessary to click **Register Now** on the webpage and fill in and **Submit** your details, after which ALL materials can be accessed and downloaded when you **log in with email/password**.

CALL FOR PAPERS

The conference theme: *Theory and Practice: an Interface or a Great Divide?* reminds us that **The Mathematics Education for the Future Project** serves as an international forum for both researchers and teachers. Today more than ever before we need to assess the relationship between research and classroom teaching and ask how far, if at all, these two relate to each other in practice? We hope that all presenters at the conference will consider this question in their own specialist areas: how much communication and interaction is there in practice between university research and mathematics teaching and school administration?

Innovation has always been the major objective of **The Mathematics Education for the Future Project** especially for: maths for living, humanizing maths education, equity and ethno-mathematics, the effective use of new educational technology in the classroom, adopting new paradigms, etc. Our accumulated experiences are not only

represented in our UNESCO handbook and previous conference proceedings but also in 50 years of research-in-action - including the vast didactic innovations of SMP and other UK projects in the 1960s and 1970s, national initiatives in Germany, Holland, Scandinavia, Australia, Brazil, etc from 1980 to the present day. Our Project has tried to learn as much as possible from many people, with the aim of implementing their innovative ideas in the teaching of mathematics, science, statistics and informatics in schools and higher education. The scientific underpinning of our project's work owes much to the seminal works of creative thinkers such as Polya, Kuhn, Lakatos, Wittgenstein, Freire and D'Ambrosio.

The Goal of the Ireland Conference is to turn Dreams into Reality!

- To support **communication and collaboration** - to put teachers and researchers in contact for their mutual benefit.
- To present and publish **research papers** and also significant new ideas and classroom experiences from teachers.
- To share **innovative ideas** for effecting reform in the areas of: research, teaching & learning, educational technology, curriculum development, teachers' preparation and development, school organization and policy, classroom practices and issues of equity and ethno-mathematics
- To initiate **new work** to help solve endemic problems in education.

The Program Committees for the Conference invite teachers, university faculty and national and regional coordinators to submit papers and workshops for inclusion in the Conference Programme and publication in the Conference Proceedings.

We welcome papers and workshops that deal with all aspects of innovation, especially those helping to make these subjects more "alive", more "realistic" and more "accessible" to students in the future. We have an open policy to accept in the programme not only peer-refereed papers, but also workshops and contributions from teachers discussing innovative work in their classrooms.

For example, participants can present their current work/research in:

- problem solving and modelling
- use of technology
- assessment
- dealing with cultural differences
- overcoming racial, gender and social barriers
- improving the curriculum
- teacher preparation and ongoing in-service work
- school organization and classroom practices
- using statistics in everyday life
- effectively utilizing new paradigms in teaching and learning
- the use of mathematics in the sciences, informatics and in the real world

English will be the official language of the conference and proceedings. The printed proceedings will be given to participants when they register at the conference in August 2019, and an on-line version will also be available after the conference.

Martin Stein is the owner and manager of the publishing company WTM-Verlag for our proceedings. He will be attending the conference in Ireland.



I founded this small company in 2006 publishing dissertations, conference reports and monographs of all kind as long as they belong to the field of mathematics education. The different series of books have editors to provide some quality control. WTM tries to provide a good service for a small price, so that doctoral students can afford to get their dissertations printed.

Protocols for Abstracts, Papers and Workshop Summaries

Please note these protocols and guidelines must be followed precisely to ensure that your paper is copy-ready to insert in the printed proceedings.

1. For workshop presenters

Please send a "workshop summary" of 1-6 pages (equivalent to a paper in length and format). All **format requirements** below apply to both workshop summaries and papers.

2. Abstracts

Please include **at the start of your final paper/workshop summary** an abstract which **should NOT be longer than 12 lines (Ariel 13 pt)**. Below are detailed instructions for sending papers and workshop summaries, **please follow them to the letter** so we can edit your work easily and quickly. **Papers not fulfilling these requirements will be returned for correction.** Please note that IF you put your email address in your document it will facilitate colleagues getting in touch with you but at the same time it will place your email address in the public domain.

3. Papers and Workshop-Summaries

Should be sent by email as attached Microsoft Word (doc x) documents (NOT PDF and NOT scanned). All accepted papers/workshop summaries will be eligible for presentation in the conference programme and inclusion in the ISBN printed proceedings and the post-conference on-line web page.

Papers/workshop summaries can only be included in the final programme and proceedings if received from participants who **register** for the conference and have **paid their registration fee**.

ALL papers and workshop summaries, and later their stand-alone Power Point Presentations, must fulfil the protocols and requirements in the **Guidelines for Authors**. These are detailed below and also set out in a **Copyright and Protocol Agreement** form which will be sent to authors on acceptance of their contribution for the conference, and which should be signed and returned..

4. Presentations

All presenters are also required to send by email attachment prior to the conference **their STAND-ALONE Power Point Presentation (PPP)** so we can check, approve and load it on the conference computers. Presenters will be allocated **30 minutes (papers) and 40 minutes (workshops)**. This total time includes setting up, questions and answers and discussion.

We recommend that presenters speak **for 20 minutes only** and then have **10 minutes for questions and discussion**.

Please prepare your **Power Point Presentation** so that it does not simply repeat your paper word for word (all participants will have the text of your paper in their copy of the printed proceedings). We highly recommend that you make the PPP as visually stimulating as possible with **bullet points** rather than large blocks of text.

Please ensure that you allow some time for discussion and questions and answers after your talk, within the strict time limits mentioned above.

Working Group leaders will insist that ALL speakers keep strictly to their allotted time as a courtesy to the following speakers!

Guidelines for Papers and Workshop-summaries

1. Single spaced text on A4 page size (NOT eg US Letter size- please check the Printer defaults before sending.)
 - **Main Text and references** in Arial 13 pt and justified (all lines of the text have same width). All references should also be indented (see below)
 - **Title** centred in Arial 16 pt
 - **Section headings** in Arial 13 pt and bold
 - **Spacing** between paragraphs 4 pt only (check carefully!)
2. **All page margins: top, bottom, left & right 2.5 cm precisely (not inches).**
3. **All pictures, diagrams, tables etc MUST be black/white or greyscale (grey shades only, NO colours).** Authors must have copyright clearance for all photographs and visual material.
4. **NO headers, NO Footers and NO page numbers please.**
5. **ALL non-text items in the paper (diagrams, graphs, etc) must be clearly labelled and included in the body of the text in the appropriate places.**
6. **NO MACROS, editing nor correcting programs should still be active.**

Below is a template for the first page and for references, please follow this format precisely: Title (16 pt) and BOLD section headings (13 pt) etc.

Building Concepts: Expressions and Equations and Beginning Algebra

Gail Burrill
Michigan State University
burrill@msu.edu

Abstract

Technology can make a difference in teaching and learning mathematics when it serves as a vehicle for learning mathematics and not just as a tool to “do” mathematics.

Introduction

The learning and teaching of algebra has been a focus of international solving equations with variables on both sides

References

- Alibali, M., Knuth, E., Hattikudur, S., McNeil, N., & Stephens, A. (2007). A longitudinal examination of middle school students' understanding of the equal sign and equivalent equations. *Mathematical Thinking and Learning*, 9, 221–247. doi:10.1080/10986060701360902
- Artigue, M. (2002). Learning mathematics in a CAS environment: The genesis of a reflection about instrumentation and the dialectics between technical and conceptual work. *International Journal of Computers for Mathematical Learning*, 7, 245-274.

Deadlines

- (1) **Abstracts:** as soon as possible and **before Dec 1st, 2018**. They will be reviewed and approved in a few days.
- (2) **Papers/Workshop Summaries:** as soon as possible and **BEFORE Jan 1, 2019**, especially if you need double-blind peer review.
- (3) **PPPs (Power Point Presentations):** not later than a month after full acceptance of your formatted paper for presentation.
- Please note these deadlines are flexible and may be adjusted in individual cases.**

About Ireland and the Conference

Arrival

Transfer from Dublin International Airport to Maynooth University is very easy. A regular scheduled Hopper bus leaves the airport about every hour and takes about 45 minutes to arrive at Maynooth. Please see these web pages for FULL details: <https://airporthopper.ie/maynooth-timetable/> <https://airporthopper.ie/maynooth-route/>
Cheaper fares can be booked online: <https://airporthopper.ie/fares/>
This local transport should be paid in euro individually by participants.

Visa Requirements

Please note the conference is **NOT being held in the UK nor in Northern Island** but in **The Republic of Ireland** (https://simple.wikipedia.org/wiki/Republic_of_Ireland). Please **check the up to date visa requirements with your Travel Agent** as soon as possible. Email us if you require a letter of invitation, but please note that such letters may only be sent to participants who have already paid the conference fee.

Electrical Appliances

The **electrical** supply in **Ireland** is 230v 50hz. The **plugs** and **sockets** are different from the **USA** involving a three-pronged formation, the same as those used in the United Kingdom. If your appliances operate on a different current (such as those from North America) you will need a **power** converter and **plug adapter**. Please have a **correct adapter**, especially for your computer. It's a good idea to buy this before leaving home. US-made appliances may also need a transformer.



Type G: This socket has no alternative plugs

Banking and Foreign Exchange

The local currency is the euro. ATMs are available 24 hours a day to withdraw local currency. All major credit cards can be used in Ireland, with MasterCard and Visa enjoying more universal acceptance than American Express and Diners Club.

Climate and Clothing

August daily temperatures range from 20⁰C (max) to 10⁰C (min). We advise you bring an umbrella, raincoat and warm clothing.

Health & Personal Insurance

Neither the conference administration, nor the university, are responsible for health, travel, or personal insurance. We strongly advise all participants to arrange adequate personal travel and health insurance. Your travel agent will be able to advise you.

Pre- and Post-Conference Tours

We strongly recommend pre- and post-conference visits and tours to see the unique beauty of Ireland and especially the nearby capital city of Dublin, which is only about 45 minutes away from Maynooth by bus, car or train.. Participants should make their own arrangements for tours with their Travel Agent or locally after they arrive.

Provisional Conference Programme

Day	Time	Event
Sunday	12.00 -18.00	Conference Registrations, NO work sessions
August 4	18.00-21.00	Welcome Reception (drinks and canapes)
August 5	9.00 – 18.00	Opening Session, Plenary Keynote Speech by Douglas Butler, Open Forum of Ideas and first working day (papers/workshops).
August 6	9.00 – 13.00 13.00 – 18.00	Second working morning(papers, workshops and working groups) Half day excursion (TBA)
August 7	9.00 – 18.00	Third working day (papers, workshops and working groups)
August 8	9.00 – 18.00 19.00-	Fourth working day (papers, workshops and working groups) Gala Dinner
August 9		No working sessions, departure after breakfast.

Working Groups

Six to eight separate working groups will meet for some of the time. At our last conference the working groups were:

- Technology
- Problem Solving & Modelling
- Teacher Education
- Innovation & Classroom Practice
- Statistics and Applications
- Comparative Education
- Research on Learning

Open Forum of Ideas

On the first working morning there will be a "Forum of Ideas" - a display of innovative materials and software from all over the world - when participants can circulate and talk to each other informally. If you would like to exhibit/display in the Open Forum of Ideas bring **as much material and software as possible** and we will provide tables to display them. Bring your own PC to display sample software.

Please inform us on your Registration Form below if you require tables for the Open Forum of Ideas.

Registration Fees

The accompanying person fee is the same as that for participants because they will occupy the same rooms and take all meals and enjoy all the social events.

Fee PER PERSON in euro for Registration & Accommodation, E.g. two people in a double ensuite room will pay 730 euro EACH.

Room	Early Bird	After Jan 1 2019	After April 1 2019
Single Ensuite	690	740	760
Single shared bathroom	660	710	730
Double Ensuite for 2 people	730	780	800
Double Ensuite for 1 person	820	870	890

The full registration fee COVERS:

- Room and breakfast for 5 nights
- All conference documents, including printed conference proceedings
- An evening welcome reception with drinks and canapés.
- Four lunches and 4 dinners (full board for 4 days)
- 7 tea/coffee breaks for participants
- Half day excursion
- Special Gala Dinner

The fee does not cover TRANSFER COSTS to/from Maynooth University.

The accompanying persons are warmly invited to join the participants for

- Our Welcome Reception on Sunday, August 4.
- Lunch and dinner on all 4 days
- The half day Excursion on Tuesday, August 6.
- The Gala Dinner on Thursday, August 8.

Conference Registration Form – Ireland 2019

Please fill in and cut and paste the form below into an email or send as MSWord (doc x) attachment to alan@cdnalma.poznan.pl . All emails will be acknowledged, please re-send if you do not hear from us after a week. **Please do NOT send the form by fax, nor by post**, we need an MSWord electronic version for our records so forms **MUST NOT** be hand written, nor scanned nor in pdf form. For urgent/emergency messages phone: **+48-604426763**

PLEASE USE THE FORM BELOW AND COMPLETE ALL SECTIONS

First Name:

Family Name:

Male/Female:

Title:

Affiliation/Organisation/Institution:

Full postal address (including country and zip code):

e-mail:

Phone:

Name(s) of **ALL** accompanying person(s):

I would like to present a **paper/workshop**..... (please specify which) with the title:

.....

Flight details can be sent later **but please indicate NOW your arrival and departure dates to/from Maynooth University (not Ireland or Dublin)** so your room can be booked for the correct period.

Arrival Date.....

Departure Date.....

Fill in all details below or DELETE (do **not highlight please) YES or NO,**

- 1) I will attend the Welcome Reception at 6pm on Aug 4: YES/NO
- 2) I will attend the half day Excursion on Aug 6 or 7: YES/NO
- 3) I will attend the Gala Dinner at 7pm on Aug 8: YES/NO
- 4) I wish to reserve tables for the Open Forum of Ideas YES/NO
- 5) I request (please specify which):
 - a single room, one bed for one person only.....
 - double room with one double bed for one or two persons.....
 - twin share room with two beds for two persons.....
 - Specify if you want en-suite bedroomOR shared bathroom.....
- 6) My dietary restrictions are as follows.....
- 7) I NEED a blind-blind peer review for professional reasons YES/NO.

The university will do its best but cannot guarantee to meet dietary requests.

The submission of this registration form confirms your acceptance of all the terms and conditions detailed in this First Announcement. This includes agreeing to receive from us relevant information about our Project and our two main sponsors Autograph and Fáilte Ireland and other organisations we are cooperating with.

PLEASE NOTE: FOR LEGAL AND ADMINISTRATIVE REASONS OUR BLOCK BOOKED CONFERENCE ROOMS CAN ONLY BE OCCUPIED BY FULL-TIME PARTICIPANTS AND THEIR ACCOMPANYING PERSONS, WHO MUST ALL BE NAMED IN THE REGISTRATION FORM ABOVE

Payment Details

We have separate accounts for payments in **Australia and the UK, please contact us if you need the details in those countries.** For other countries please make a bank transfer to our Polish account below (**in euro only**).

Please make sure YOU tick the box: **all transfer/transit fees to be paid by sender** (correct code is **OUR (ie YOU)**, not **SHA(re)** and not **BEN(eficery ie US)**, so that the FULL fee in EURO arrives in our account, otherwise you will need to pay the deficit when you arrive at the conference. Please identify the payment with your name.

Send fees directly in euro (NOT in your local currency NOR in Polish zloty) to:

Name of Account: Alan Rogerson

Address of Account holder: ul Listopadowa 1/45, 60-153 Poznań, Poland

Number of account: 32 2490 0005 0000 4000 2308 8569

Bank: Alior Bank SA Warszawa Poland

Al. Jerozolimskie 94, 00-807 Warszawa

Swift code: ALBPPLPW

BIC code ALBPPLPWXXX

IBAN PL32 2490 0005 0000 4000 2308 8569

Please note

The above account details ARE correct and WORK – if your bank clerk does not understand this, ask the manager or talk to someone more experienced.

We look forward to hearing from you and to meeting and working with you in Ireland. Please get in touch if you have any questions.

Major Sponsors

The Conference wishes to thank our continuing Major Sponsor **Autograph** <http://www.autograph-maths.com/> who will be exhibiting their excellent educational technology throughout the conference, and also holding hands-on workshops. We also thank **Fáilte Ireland** www.failteireland.ie for their local support.



Refund Policy and Responsibility

No refunds of registration fees will be made but if you need to cancel you can nominate another person or persons to substitute for you at the conference. We must receive from you and your replacements, at least 7 days prior to the beginning of the conference, an email confirming that they will take your place. By registering you acknowledge that you agree to all the terms and conditions specified by the organisers and have no right to lodge damage claims against the organizers should the holding of the Conference be hindered or prevented by unexpected political or economic events or by *force majeure*, or should the non-appearance of speakers or other reasons necessitate programme changes.

Complying with EU data privacy laws: The Mathematics Education for the Future Project Personal Data Protection Policy

From May 25th, 2018 new EU laws have been in force to protect personal data privacy. These laws require us to provide a Data Privacy Policy for our Project, especially with regard to data collection for our International Conferences.

(1) The Mathematics Education for the Future Project is, and always has been, a philanthropic, educational, non-commercial and non-profit association and will only with your express permission pass on private/personal data to any other person - with the only exception that we are required by law to inform our conference host institutions of the names of all conference participants for accommodation bookings made on their behalf.

(2) In the past we produced and circulated a full list of participants with their country and email addresses to assist participants to keep in touch. The new EU laws now prohibit this because of the danger that the list may fall into other hands and be used for commercial purposes or data piracy. Please be assured therefore that all future collective emails will be sent BCC (Blind Carbon Copy) to all participants and interested parties so that no personal data can be accessed from them.

(3) If you wish to contact someone else on our conference data list please email us and we will ask the person concerned to get in touch with you directly if they wish. This again is required by the new EU laws so we do not pass on any personal data without the permission of the person concerned, who (legally) owns their own private and personal data.

(4) Participants who present workshops or papers which include their name, affiliation and email address signify in so doing their agreement that these personal details will be included by us in the printed proceedings and in the on-line conference documents.

(5) We retain all the email addresses of those who have attended our previous conferences, and also many other email addresses from the public domain connected with education. We regularly circulate these addresses (BCC) about future conferences and other educational initiatives. If anyone does not wish to receive emails from us they have the right under the new EU laws to ask us to permanently remove their email address and any other private details from our collective database and we will of course comply with their request. This also applies to all our on-line URLs of conference proceedings etc. which are there to inform people of the previous work of our project and our conferences.

(6) All conference participants who submit registration forms from the conference Announcements are informed that in so doing they agree to our sending them relevant information about our project, conference sponsors and educational organizations we are in cooperation with.

(7) Please note that all personal data is held in a secure Linux Server and/or in password controlled computers under our constant supervision. Personal data will never be made available or exposed to third parties for any purpose except with your express permission.

(8) The two custodians of our data are: (1) Michal Fryska (my step son and a specialist professional computer expert) who is the creator and web master of our website domains, and (2) myself, Alan Rogerson.

Please email me at alan@cdnalma.poznan.pl if you have any queries or concerns regarding our Project's Privacy Policy.

Dr. Alan Rogerson

D.Phil (Oxon), M.Sc., B.Sc., B.A. (Lon), Dip.Ed., Cert. Ed. (Cantab).

International Coordinator of the Mathematics Education for the Future Project

+48-604 426 763 (mobile)

A handwritten signature in black ink that reads "Alan Rogerson". The signature is written in a cursive style with a long horizontal stroke at the bottom.

Dated: 19th July, 2018