



A Letter from the President

December 18, 2017

Board Elections

In May 2017, the new ISDE Board of Directors was elected and the results were announced on June 19, 2017. The new members of the ninth ISDE Board of Directors are **Martin Bohner** (Missouri University of Science and Technology, Rolla, Missouri, USA), **Elena Braverman** (University of Calgary, Calgary, Alberta, Canada), **Jim Cushing** (University of Arizona, Tucson, Arizona, USA), **Saber Elaydi** (Trinity University, San Antonio, Texas, USA), **Małgorzata Guzowska** (University of Szczecin, Szczecin, Poland), **István Györi** (University of Pannonina, Veszprém, Hungary), **Stefan Hilger** (Katholische Universität Eichstätt,

Eichstätt, Germany), **Allan Peterson** (University of Nebraska, Lincoln, Nebraska, USA), and **Stefan Siegmund** (Technische Universität Dresden, Dresden, Germany). The new Board of Directors then elected **Martin Bohner** as President and **Saber Elaydi** as Vice President. According to the ISDE Bylaws, the new Board and the new President and Vice President shall serve a two-year term that has begun on August 1, 2017. During the last few months, the new Board has considered several ICDEA proposals and already has identified the successful proposals for ICDEAs 2019–2022. I will present details on page 3 of this letter.

I would like to thank all ISDE members for participating in the Board elections and also all new Board members for their willingness to serve on the ISDE Board of Directors. I would also like to thank the outgoing Board for their work during the past two years, in particular Past President **Christian Pötzsche**. It is a honor and pleasure for me to serve our society as the next President following **Bernd Aulbach** (2001–2005), **Saber Elaydi**, (2005–2009), **Jim Cushing** (2009–2013), **Martin Bohner** (2013–2015), and **Christian Pötzsche** (2015–2017). I will continue to promote our society and its goals in the spirit of my predecessors.



Martin Bohner
ISDE President

Prizes awarded by the Society

The most prestigious award of our society, the Bernd Aulbach Prize, is awarded biennially for significant contributions to the areas of difference equations and/or discrete dynamical systems. In 2017, the Bernd Aulbach Prize was awarded to **Saber Elaydi** (Trinity University, San Antonio, Texas). The prize was awarded for the first time in

2011 to **Alexander Sharikovskiy** (National Academy of Sciences of Ukraine, Kiev, Ukraine), then in 2013 to **Mihał Misiurewicz** (IUPUI, Indianapolis, Indiana, USA), and in 2015 to **Jean Mawhin** (Université Catholique de Louvain, Louvain, Belgium). See later in the Newsletter for a summary of Professor Elaydi's accomplishments.

Another prize given by the society is the prize for the best JDEA paper. This prize is awarded annually. In 2017, the recipient of this prize was **Stephen Baigent** (University College London, London, UK). See later in the Newsletter for details about the winning paper.





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2017 Conferences of the Society



ICDEA, the International Conference on Difference Equations and Applications, is the flagship conference of our society. It is held annually since 1994. The 2017 ICDEA took place at West University of Timișoara in Timișoara, Romania, July 24–28, 2017. The conference was a big success, and I refer to the summary that appears later in the Newsletter. The society is indebted to the organizers of ICDEA 2017, in particular the Chair of the Organizing Committee, **Adina Lumința Sasu**.



PODE, Progress on Difference Equations, is the other conference series of our society. It is held annually since 2007. The 2017 PODE took place at the University of Urbino in Urbino, Italy, May 29–31, 2017. This conference was also a big success, and I refer to the summary that appears later in the Newsletter. The society thanks the organizers of PODE 2017, in particular the Chair of the Organizing Committee, **Laura Gardini**.





A Letter from the President

Upcoming Conferences of the Society



ICDEA 2018 is just around the corner, so please mark your calendars to attend this exciting event at Technische Universität Dresden in Dresden, Germany, May 21–25, 2018. The Chair of the Organizing Committee is **Stefan Siegmund**. The conference website is www.icdea2018.de. More information can be found later in this Newsletter. I am looking forward to seeing many of our society members in Germany!



ICDEA 2019, the 25th International Conference of Difference Equations and Applications, will be held at the University College London in London, UK. The Chair of the Organizing Committee is **Stephen Baigent**, the 2017 recipient of the best JDEA paper prize.

ICDEA 2020, the 26th International Conference of Difference Equations and Applications, will be held at the University of Sarajevo in Sarajevo, Bosnia–Herzegovina. The Chair of the Organizing Committee is **Senada Kalabušić**, an ISDE member since 2004.



During the first ICDEA conference in San Antonio in 1994, six participants stepped up in the end and offered their organization of the next ICDEAs, so ICDEAs 2–7 were determined right then and there. Now we have experienced a Déjà vu of this situation: After ICDEA 2017 in Timișoara, the new ISDE Board of Directors has received several ICDEA proposals. Four of them were determined to be successful, and I am very happy to announce that the ISDE Board of Directors has approved the following four proposals for ICDEAs 2019–2022.

ICDEA 2021, the 27th International Conference on Difference Equations and Applications, will be held at CentralSupélec in Gif-sur-Yvette, France. The Chair of the Organizing Committee is **Sorin Olaru**.

ICDEA 2022, the 28th International Conference of Difference Equations and Applications, will be held at Sorbonne University in Paris, France. The Chair of the Organizing Committee is **Svetlin Georgiev**.



Any ISDE member who wishes to organize an upcoming ICDEA or PODE conference is cordially invited to submit a proposal to me or any of the members of the ISDE Board of Directors. Guidelines for preparing proposals for ICDEA conferences are available on the ISDE website at <http://isdeds.com>. No special format is required for proposals for PODE conferences. From now on, as per a decision during the general meeting of the society in Timișoara, PODE conferences will take place in odd-numbered years and will merge with ECIT (European Conference on Iteration Theory), which will take place in even-numbered years. Information about ECIT 2018 can be found later in this Newsletter.

I am looking forward to receiving your proposals for organizing these important conferences. Successful organizations will continue to demonstrate that the area of difference equations and its applications is an active and important area of research in mathematics.



A Letter from the President

Newsletter Editor/Webmaster/Membership Directory



I am happy to announce that the Board of Directors appointed **Ewa Schmeidel** (University of Białystok, Poland) as Newsletter Editor and the current Treasurer, **Agnieszka Malinowska**



(Białystok University of Technology, Poland), as Webmaster. Please send any items for inclusion to the newsletter to eschmeidel@math.uw.b.edu.pl and any suggestions for the website to abmalina@wp.pl. On this occasion, I would also like to thank ISDE Director **Małgorzata Guzowska** (University of Szczecin, Poland) for her outstanding six-year long work as Newsletter Editor and Webmaster.



I would like to remind the society members about the html version of the current ISDE Membership Directory. This directory is available only to ISDE members. You may go to the society's website at <http://isdeds.com> and then click on "Members". From there, the ISDE Membership Directory is available by entering a password. If you forgot this password, please send an e-mail to bohner@mst.edu, I will

respond with the password. Moreover, if you find any errors or would like me to change any of the information given in there, please inform me by e-mail.

During ICDEA 2017 in Timișoara, the number of ISDE members hit the 700 mark. As of today, we have 720 members. The year 2017 has seen an increase by 42 members. We truly are an international society, and this is manifested by the fact that our members are based in 76 different countries. The countries with the most members are (in that order) USA (155), China (56), Poland (44), India (40), Turkey (38), Portugal (36), Czech Republic (21), Japan, Spain (each 18), Germany, Romania, Russia (each 16), Ukraine (14), Italy, UK (each 12), Egypt, Greece, Iran, Pakistan (each 11), and Canada, France (each 10).

That said, I ask all of you to help in recruiting even more new members for our society. If you know anybody working in the areas of difference equations and/or discrete dynamical systems, please

take a moment to invite this person to become an ISDE member. Applying for ISDE membership is easy: Just go to <http://isdeds.com> and click on "Membership application" and fill in the requested information. The applicant has the option to apply for regular membership (which is free of charge) or to become a sponsoring member of the society. Sponsoring membership is 100 USD a year, and the dues can be paid conveniently online using a credit card or PayPal. The funds received through sponsoring memberships help to support the society's activities in developing and enhancing research and education in difference equations and discrete dynamical system. As an ISDE Sponsoring Member, you will receive a reduced registration fee for the annual ICDEA conference and a one-year online subscription to JDEA.

With my Best Regards and Best Wishes for the Holiday Season and a Happy New Year 2018,

M. Bohner