

NAMF President's Report on Mixing 23

Mayan Riviera, Quintana Roo, Mexico, June 17-22, 2012

Hola!

Mixing 23 in Mexico marked the first time NAMF held its conference in Mexico – a fitting completion to its 21st birthday. Prof. Enrique Galindo ran an excellent meeting, with 110 delegates and over 40 companions. The short course on Sunday had 34 people in the room from 9am to 2pm – in spite of the beautiful sunny weather on the beach. Six of them returned from a first time through the course in

Victoria, and roughly half of the attendees either teach mixing courses, or have taken some version of the course in the past. All of the instructors gave excellent talks and set the tone for the week ahead. Plenary sessions were given by a strong international palette of speakers:

- Sergio Cuevas, University of Morelos, Mexico and co-authors, *Mixing of Conducting Fluids by Electromechanical Forces*
- Rich Calabrese, Minye Liu and Suzanne Kresta representing NAMF Council, *The 21 Most Influential Contributions to Mixing Literature*
- Daniele Marchisio, Polytechnico di Torino, Italy, *Quadrature Based Method of Moments*
- Mikkel Nordkvist, Alfa Laval, Denmark and co-authors, *The Effect of Forced Mixing on Beer Fermentation*
- Mick Dawson, BHRG, UK, *Mixing in Water and Wastewater Treatment, Lighting up a Dark Art*

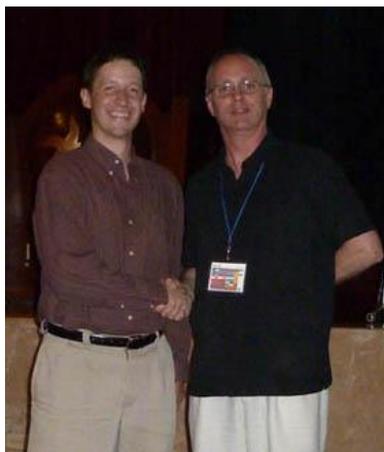
Several of the presentations will be posted on the NAMF website. The week was filled with stimulating technical discussions, renewed friendships, and sunshine both on the beach and in the conference rooms.

The **NAMF General Meeting** reported progress on several initiatives over the last two years. Minutes from the Victoria meeting were approved, the treasurer's report showed a stable balance, with continued royalties from the first edition of the Handbook and NAMF conferences used to fund the start-up grant, student award, production of the Advances volume of the Handbook, and regular council business.

Rich Calabrese reported on a significant review and renewal of the **NAMF Early Career Excellence Award in Mixing**, to be reinstated in 2012 in a new format. Applicants will submit a 10 page proposal, with finalists presenting their work at the AIChE meeting in November in conjunction with the NAMF Award session. The award winner will be announced at the NAMF Award Banquet. Funding will continue at a level of \$15K per year for two years for direct costs of research, and full funding from NAMF for the awardee to attend the mixing short course and two NAMF conferences to present their work. Other

components of the award include the possibility of chairing a session at AIChE, and the intention that the winner would be invited to give additional seminars at sponsoring universities and companies. The call for proposals for the 2013-2015 award will be released in July with submissions to be sent to NAMF President Minye Liu.

The advances volume of the **Handbook** continues with steady progress and an anticipated submission to Wiley in the fall of 2012. Editors Kresta, Atiemo-Obeng, Dickey and Etchells noted that half of the chapters are completed, with the rest nearing completion or in steady progress toward that goal. The format will be in two parts, with the first edition included in electronic form, major revisions of some chapters, update sections for others, and a number of entirely new contributions.



Paul Rueger, winner of 2012 NAMF Student Award and Richard Grenville

The three finalists for the **NAMF Student Award** were Mark Heimovitz, University of Dayton, Rene Sanjuan-Galindo, UNAM, Mexico, and Paul Rueger, University of Maryland. Paul Rueger was the winner, marking the third time in four consecutive meetings that Maryland carried home top honours. The IChemE Subject Group winner, Wehelie Wehelie from University College London was represented by his supervisor, Andrea Ducci, who had the privilege of carrying home a copy of the handbook for his student, and the South American Student Paper Competition winner, Edimilson Souza, Campinas, Brazil, presented his own work and carried his own tome. All of the NAMF finalists will also receive copies of the book and travel expenses to attend the conference.

Julian Fasano, retired from Chemineer, was announced as the **2012 NAMF Award Winner**. Julian has been active in the community for many years and we look forward to his award lecture and formal presentation at AIChE Annual Meeting in the fall.

The chairs of **Mixing 24, Richard Grenville and Tom Post**, announced the venue for the 2014 meeting, which will be held at The Sagamore on Lake George in upstate New York. This marks the first time since 2003 that NAMF will visit the eastern US, and we look forward to many happy paddling excursions on the lake, allowing practical turbulence and self assembly experiments to mix with several variations to the program which are already being planned and promise to add fun and excitement to our discussions.

Francois Bertrand and Louis Fradette will chair **Mixing 25**. Vigorous lobbying from the community for a return to Quebec City, the venue for ISMIP 2, is already underway.

NAMF Council Elections provide the slate of officers as follows:

President: Minye Liu
 Vice President: Otute Akiti
 Treasurer: Richard Cope
 Secretary: Rob Schisla

New Council Members (serving terms to 2018, Mixing 26):

Enrique Galindo, Jos Derksen, Mario Alvarez, Sujit Bhattacharya, Kent Wardle

Continuing members of Council are:

(terms to 2016, Mixing 25) Francois Bertrand, Richard Cope, Jim Gilchrist, Clara Gomez, Rob Schisla

(terms to 2014, Mixing 24) Richard Grenville, Shaffiq Jaffer, Hahn Vo, Fernando Muzzio, Suzanne Kresta



Minye Liu in the President's Hat

We extend our thanks to Jennifer Spinti, who has been an outstanding Treasurer for NAMF for the last two years, and Gary Patterson, who served for many years as AICHE Programming Chair and completed his term on council this year. Otute Akiti, Minye Liu, and Dave Dickey all have council terms expiring in 2012. Dave Dickey becomes past-past President for life, Minye Liu becomes President, and Otute Akiti becomes Vice President and President-elect. Minye looked very fetching in his regal and magnificent hat of office – a Mexican Sombrero – and he gave a very presidential talk on mean age theory as applied to blend time to demonstrate his mastery of the field and fitness to serve. We thank him for his continuing leadership and his technical contributions to the field.

It has been my honour and privilege to serve as **NAMF President**. While it is a cliché to say that I have received far more from NAMF than I have given, it is nonetheless true. Leadership is no simple task and no small role to take on. In some ways it is like becoming a parent – there is no way to anticipate what it will ask of you before you walk in those shoes – and no way to explain the experience to one who has not walked that path. In 2003 I told Julian Fasano that I would resign as Past President rather than serve NAMF for life – but as I look back over the last two years and reflect on all of the help and support (not interference) I have had from Past Presidents over the last two years, I have to smile. We had 6 of the 8 living Past Presidents in attendance at our General Meeting and Awards Banquet at Mixing 23, and I look forward to joining their ranks. We have a remarkable group of people and a vibrant and creative organization. We now have a second and third generation of mixing researchers serving on council, and a growing group of graduate students who have benefitted from our conferences. To continue all of the things we do requires the support, wisdom, and continuity of all of the people on council, and I thank each and every one of them for their contributions – not just over the last two years, but from the time I was first elected to council as a young Associate Professor in 1995.



Enrique Galindo

Thank you once again to Enrique for the Molynillas and the introduction to Mexican heritage and culture, and for the organization of a beautiful meeting. I look forward to seeing many of you soon in Warsaw for the 14th European Conference on Mixing, and at the AIChE Annual Meeting in Cleveland.

Mix Liberally and with Happiness until we meet again!

Suzanne

Suzanne Kresta

Past President, NAMF