



Dear colleague,

On behalf of Prof. Elias **Aifantis** (Aristotle U. of Thessaloniki, Greece), Prof. Avraam **Konstantinidis** (Aristotle U. of Thessaloniki, Greece), Prof. Douglas **Bammann** (Mississippi State U., USA), Prof. John **Baumgardner** (Liberty U., USA), Prof. Kyle **Johnson** (Sandia National Laboratories, USA), Prof. Brian **Jordon** (U. of Alabama, USA), Prof. Nathaniel **Morgan** (Los Alamos National Lab, USA), Prof. Raj **Prabhu** (Mississippi State U., USA), and Prof. Arunachalam **Rajendaran** (U. of Mississippi, USA), co-chairs of the **Horstemeyer International Symposium on Multiscale Material Mechanics and Sustainable Applications** in my capacity as President of SIPS 2020/2021, I am personally inviting you to participate as an author/speaker at this major symposium dedicated to honoring the lifetime achievements of **Prof. Mark Horstemeyer**. Professor **Horstemeyer** a distinguished figure in the field of multiscale modeling and its applications in the weapons, automotive, geological, and astrophysics areas such as gradient damage, computational mechanics, magnetomechanics, biomaterials, etc. These and many others are among the topics of the symposium.

This symposium will be held as part of the combined **SIPS 2020/2021**, an annual multidisciplinary summit, organized by the not-for-profit corporation FLOGEN Stars Outreach (www.flogen.org), which is dedicated to achieving sustainability through science and technology applied in various fields. It incorporates summit plenary lectures from well-known speakers that address the link between various domains in the pursuit of sustainable development, as well as specific scientific symposia featuring specialized presentations in a specific domain, with the same goals in mind. The symposium and overall summit are planned to be held in **Phuket, Thailand** from **November 28th – December 2nd 2021**.

We have confirmed until now the participation of the following **9 Nobel Laureates**: Prof. Dan Shechtman (2011 Nobel Laureate), Prof. Didier Queloz (2019 Nobel Laureate), Prof. M. Stanley Whittingham (2019 Nobel Laureate), Sir Konstantin Novoselov (2010 Nobel Laureate), Prof. Aaron Ciechanover (2004 Nobel Laureate), Prof. Avram Hershko (2004 Nobel Laureate), Prof. Kurt Wüthrich (2002 Nobel Laureate), Prof. Ferid Murad (1998 Nobel Laureate), and Sir Richard J. Roberts (1993 Nobel Prize), as well as new additions: Prof. **Nektarios Tavernarakis**, Vice President, European Research Council and Prof. **Luis Echegoyen**, 2020 President, American Chemical Society.

Information about this symposium, SIPS 2020/2021, and abstract submission can be found in the official invitation: https://www.flogen.org/sips2021/pdf/Multiscale_General_Author_Invitation.pdf

Pertinent information from our website:

- Some videos from previous **Multiscale Material Mechanics Symposiums** are presented here: <https://www.flogen.org/?p=86>

- **SIPS impressions** over the years: <https://www.flogen.org/?p=110>
- **Video impression** over the years: <https://www.flogen.org/?p=79>
- **Highlights** of FLOGEN and SIPS activities <https://www.flogen.org/?p=105>
- **Hall of Fame**: <https://www.flogen.org/?p=92>

As an invitee, if you prefer to deliver a presentation with a wider scope for one of the listed topics, or on a new specialized topic of your choice, we would be pleased to take it into consideration for a possible nomination as an Invited or Keynote Lecture. In this case, please send us an email at the same address, which should indicate your interest and include a draft abstract.

The papers will be double peer reviewed and published in the official Publication entitled: **“Horstemeyer International Symposium on Multiscale Material Mechanics and Sustainable Applications”** containing ISBN and ISSN numbers, and indexed by Google Scholar joining the existing 3000 SIPS articles (<https://bit.ly/3qRrdGt>). Furthermore, many papers will be subsequently published as part of special volume of relevant Journal dedicated to this symposium.

An overview of previous SIPS held at various locations all over the world (USA, China, Mexico, Turkey) can be found here: <https://flogen.org/?p=32&an=2002>

The symposium is the optimal conference to present your most recent work, listen to latest achievements of your colleagues, and interact with well-known experts from diverse fields of industry, academia, and politics. We hope your participation will enable your organization to improve efficacy and implement the best sustainable research and industrial practices.

It would be a great pleasure to have you join us. We are looking forward to hearing from you.

Dr. Florian Kongoli
President
SIPS 2020&2021 Organizing Committee

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