

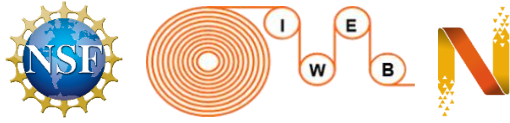
International Conference on

Micro- and Nano-devices Enabled by R2R Manufacturing

J.J. Pickle Campus, The University of Texas at Austin

December 15-17, 2021

[COVID-19 Considerations
& Conference Format](#)



Organizers

Conference Co-Chairs

S.V. Sreenivasan
The University of Texas at Austin

Mark Poliks
State University of New York at Binghamton

Program Co-Chairs

Prabhakar Pagilla
Texas A&M University

Anant Dodabalapur
The University of Texas at Austin

Industry Advisory Committee

Francis Batchelor (DuPont), Nick Butcher (E+R Group), Dilwyn Jones (Emral, Ltd.), Kang Luo (Applied Materials), Neal Michal (Converting Expert, LLC), Scott Miller (NextFlex), Andy Palmer (Proctor and Gamble), Nancy Stoffel (GE), Karl Stensvad (3M)

Associate Editors

Michael Cullinan (UT-Austin), Jay Guo (Univ. of Michigan), ChaBum Lee (Texas A&M), Tina Ng (UC, San Diego), Hayden Taylor (UC-Berkeley), Jim Watkins (Univ. of Massachusetts Amherst)

Schedule at a Glance

December 15, 2021

Short Courses

December 16-17, 2021

Presentations

Themes:

- Manufacturing systems and processes
- Engineered nanomaterials
- Flexible devices

Authors are invited to [submit](#) either:

- (i) Abstracts (1-3 pages) OR
- (ii) Full Papers (6-8 pages suggested)

Call for Papers



This inaugural [International Conference on Micro- and Nano-devices Enabled by Roll-to-Roll Manufacturing](#) is intended to be a forum for engineers and scientists to present recent advances in all areas encompassing R2R manufacturing systems, processes, metrology & data analytics, scalable materials, devices, and applications. The 3-day program includes one day of short courses (Dec. 15), followed by 1.5 days of technical presentation and poster sessions (Dec. 16-17). The main program will include several plenary speakers and technical presentations. The conference will be an expanded version of the Intl. Web Handling Conference which was held from 1991-2019 at Oklahoma State University. Extended abstracts and papers are invited. Example topics include, but are not limited to:

- Stretchable Electronics, Flexible Hybrid Electronics
- Wearable Health Monitoring Devices
- High-performance RF Devices
- Nanomaterials and Devices for Bioelectronics
- Energy Storage Devices
- Optical Devices – Metamaterials, Metasurfaces, Display Photonic Films
- Smart, Functional Fabrics
- Patterning Systems
- Vacuum Coating Systems
- Wet Coatings and Jetting Systems
- Web Transport and Winding
- Web and Roll Defects
- In-situ Metrology
- Real-time Sensing and Control of R2R Systems
- Systems Modeling, Digital Twins

Important Dates (2021)

June 8

Submission Site Opens

September 17

Paper Submission Deadline

October 15

Notification of acceptance

November 15

Early bird registration deadline

November 15

Submit revised abstracts and papers

November 21

Last day to cancel & receive partial refund

December 1

Early-bird hotel rate deadline

December 8

Last day to submit slides

December 15 – 17

Conference