

Conference Announcement

Deadlines for Abstracts:

October 2, 2020

(Guaranteed placement in requested session)

January 31, 2021

(Guaranteed conference participation)

Now Accepting Abstracts for the 2021 Technical Conference

Featuring a Symposium on:

Thin Film Solutions for a Sustainable Future

Technical Program: May 3 – 6

- Technical Sessions
- Interactive Networking Forums
+ Breakfast Discussion Groups

Education Program: May 1 – 6

- Problem-Solving Tutorial Courses

Together with:

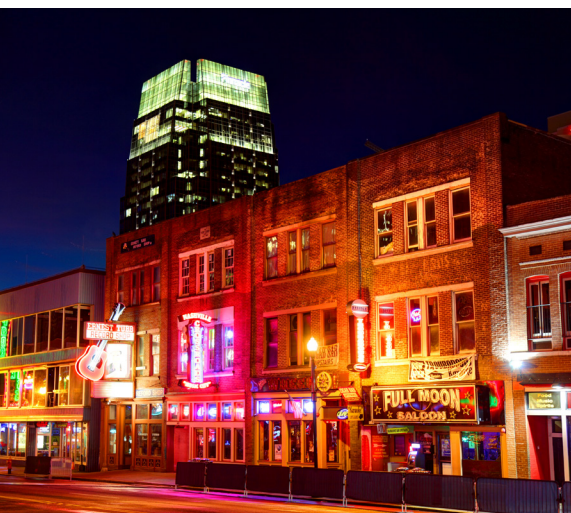
- Thin Film Superconductors **NEW**
- Additive Manufacturing **NEW**
- Sensors **NEW**
- Atomic Layer Processing (ALP)
- Coatings for Energy Conversion and Related Applications
- Coatings and Processes for Biomedical Applications
- Emerging Technologies
- Heuréka!
- High-Powered Electron Beam Technology
- High-Power Impulse Magnetron Sputtering – HIPIMS
- Large Area Coatings
- Optical Coatings
- Plasma Processing
- Protective, Tribological and Decorative Coatings
- Technical Poster Session
- Vendor Innovator Showcase
- WebTech Roll-to-Roll Coatings for High-End Applications

A detailed Call for Papers for the 2021 TechCon will be published on June 15, 2020

Technology Exhibit: May 4–5

Over 150 Exhibitors + Free Admission

The Largest Expo Dedicated to Vacuum Coating Technologies & Materials



Announcing the 2021 SVC TechCon Symposium on:

Thin Film Solutions for a Sustainable Future



Simplistically speaking, sustainability is a highly complex concept that occupies an ever growing portion of the global “consciousness”. “Sustainability” as a discrete concept is almost fifty years old and was first detailed in 1971 in *The Ecologist’s A Blueprint for Survival*. The quest to make modern civilization ‘sustainable’ inspired the UN’s Stockholm Conference in 1972 and formed the basis of “global trusteeship” that has served as the foundation of almost all subsequent international environmental treaties. The most quoted definition of sustainability comes from the UN World Commission on Environment and Development: “**sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.**”

It is difficult to imagine a sustainable future that does not rely on and in reality, is driven by, thin film technologies and surface engineering.

Novel functional thin film structures, deposition modalities of new materials, structure property relationships at the atomic level, and large-scale manufacturing technologies **will be** the enablers for a sustainable future.

This Symposium seeks to bring together experts in the thin film and surface engineering communities to discuss applications, challenges and technology development that will have be critical drivers for a sustainable future. Presentations that address the intersection of sustainability and thin film technology/surface engineering with developments in:

- Battery technology (e.g. post-lithium),
- Energy storage (hydrogen – from the cradle to the grave: generation, storage, fuel cells),
- Energy generation (Photovoltaics, Solar to hydrogen, wind power),
- Life cycle management,
- Replacing/substituting limited raw materials as well as materials whose refinement poses environmental challenges,
- Solutions for recycling costly materials,
- CO₂ footprint reduction in mobility and transportation,

are particularly welcome in the interest of encouraging discussions and development that will have global impact.

The SVC technical program is complemented by the industry’s most extensive trade show exhibition, a comprehensive tutorial program, Young Members Group, and ample networking and business opportunities. The SVC TechCon creates a forum where researchers, industry practitioners, decision makers, and newcomers to the field can connect, exchange ideas, and get questions answered.

We are looking forward to seeing you in Nashville in 2021!



Back by Popular Demand:
FREE Technical Conference Admission on May 3rd or 4th | Further Details at www.svc.org
2021 TechCon