IEEE WiSEE 2020 Workshop on Space Solar Power – Call for Participation

Organizers:
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This one-day workshop offers a forum for researchers, developers, and policy-makers to discuss SSP technologies, to advance the state of the art, to discuss supporting and related technical issues, and to take necessary actions. Papers, presentations, and keynotes selected from researchers, program managers, industry representatives, and academics are accepted. Accepted papers will be published at *IEEE Explore* and presented at the workshop. The workshop accepts talks only, and papers + talks. Papers should be submitted online and follow WISEE 2020 format and submission approach.

**Topics Include**

- SSP communication interference studies
- wireless/microwave power transfer
- technological and policy for promoting SSP
- education at all levels
- comparative energy economics
- green energy alternatives
- energy, space, environmental policy makers
- SSP channel modeling/wireless system design
- array technology for power transmission
- terrestrial power-beaming technology
- antenna and solar integration
- transmission modulation, multiple access, freq.
- wireless power distribution (all forms)
- orbital security and space debris
- system structural architecture
- packaging and assembly in space
- attitude determination and station keeping
- energy collection concepts and designs
- high-powered microwave and mm-wave sources
- space-hardening / in-space system performance
- thermal management
- SSP manufacturing
- environmental impact / planetary sustainability

The IEEE WiSEE 2020 Workshop on SSP accepts several submission types:

**Abstracts, Tutorials, and Demos:** lightly-reviewed summaries of proposed oral presentations. Submit abstracts via e-mail to Prof. Gregory D. Durgin (durgin@gatech.edu) by 1 August 2020.

**Full Papers:** peer-reviewed manuscripts intended for publication on *IEEE Explore*. Manuscripts should be 6 pages (2 col, IEEE format), submitted by the advertised conference paper deadline (1 July 2020). See IEEE WiSEE 2020 call-for-papers for submission instructions.

Check the IEEE WiSEE 2020 website for announcements, conference program, and more. Participation and attendance in the SSP Workshop is included for IEEE WiSEE 2020 registrations.