

# 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 *IEEEExplore* 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](mailto:durgin@gatech.edu)) by 1 August 2020.

**Full Papers:** peer-reviewed manuscripts intended for publication on *IEEEExplore*. 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.