



**SIAM Meeting on 11/12/20 - Talk by Dr. Dawn Tilbury  
Assistant Director of the NSF Engineering Directorate**

- Prof. Pasik-Duncan opened by introducing the guest, Dr. Tilbury.
- Dr. Tilbury began her talk by discussing the history and function of the National Science Foundation.
- Dr. Tilbury discussed one of the NSF's main focuses, convergence research, and its characterization by deep integration across disciplines and the fact it is driven by a specific and compelling challenge.
- Dr. Tilbury discussed her research in networked control systems, in which she found delays on nodes were, contrary to expectations, highly variable.
- Dr. Tilbury examined the Future of Work at the Human-Technology Frontier, another of the NSF's main focuses, and explained that the future of technology is a symbiotic human-tech relationship.
- Dr. Tilbury fielded questions involving convergence research, the merit review process, and diversity.
- Participants: 37

Alex Gisi and Bozenna Pasik-Duncan, Agnieszka Miedlar  
Executive Board of the SIAM KU Student Chapter