Surrogate models for reliability estimation  
  
  
  
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Abstract: Surrogate models are important tools for efficient computational reliability analysis. This short course will present techniques to obtain surrogate models that are based on regularization of ill-posed problems and will investigate how models can be ordered in order to form a model hierarchy. Information filtering and information fusion will be used to combine the output from a hierarchy of models. Finally, information fusion and filtering will be combined with Monte Carlo simulation methods for reliability analysis.  
  
Program:  
Monday 18-03-2019 at 15:30- 17:00 Conference Room (Ex DICAM)  
Wednesday 20 at 15:30- 17:00 Conference Room (Ex DICAM)  
Friday    22 at 15:30- 17:00 Conference Room (Ex DICAM)

1. Seminario “Presentazione del Libro: Life Cycle Assessment of Energy Systems and Sustainable Energy Technologies”, 22 Maggio 2019, Aula Capitò, della durata di 3 ore e 30 minuti, presso l’Università degli Studi di Palermo. Moderatore: Prof. Riccardo Basosi (Rappresentante Italiano Energia Horizon 2020 e Delegato MIUR per il SET Plan).
2. Seminario “Scenari energetici, cambiamenti climatici e tecnologie “Low-Carbon”, 22 Maggio 2019, Aula Capitò, della durata di 4 ore e 30 minuti, presso l’Università degli Studi di Palermo. Moderatore: Prof. Maurizio Cellura.