



WEBINAR

WITH SPEAKERS FROM:



SAVE THE DATE!



SIGN UP NOW!

Heterogeneous Integration for High Performance mmWave Electronics

28.10.2021, 3-4pm

This workshop will cover requirements and design aspects of the system and its semiconductor components with an emphasis on mmWave heterogeneous integration. Using results from SERENA the system aspects, as well as the RF and thermal design of components and packages will be illustrated based on an embedding packaging technology.



**UWE
MAAB**
(FRAUNHOFER)



**KRISTOFFER
ANDERSSON**
(EAB)



**FRANZ
DIELACHER**
(IFAT)

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GaN-on-Si for mm-wave applications

04.11.2021, 3-4pm

This workshop will cover GaN-on-Si processes and design tools for mm-wave applications as well as GaN-on-Si substrates for RF and mm-wave applications. Another focus will be on 60 nm GaN-on-Si based mm-wave amplifiers for RF sensing and wireless communication.



**RÉMY
LEBLANC**
(OMMIC)



**MARIANNE
GERMAIN**
(SOITEC)



**ROBERT
MALMQVIST**
(FOI)

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Multi-physical modelling for active antenna transmitter systems

11.11.2021, 3-4pm

During this seminar, speakers from TU Berlin and Chalmers University of Technology, will discuss how thermal, electric, and electromagnetic hardware effects will influence the performance of millimeter wave communication transmitters and communication systems. Both theoretical and experimental studies will be included to illustrate typical applications of the methods discussed.



**CHRISTIAN
FAGER**
(CHALMERS)



**THOMAS
KUEHNE**
(TUB)