

Agenda for the AKB 2007, Oct.18 + 19 at Infineon in Munich

Version 071017, subject to change

Thursday
Oct.18

Time	Topic	Company	Speaker	Titel		
10:00	10:15		Opening remarks	Infineon	Berkner	
10:15	10:35		20 Years AKB	FH Trier	Schindel	20 Jahre Arbeitskreis Bipolar (in German)
10:35	10:40		20 Years AKB	Infineon	Berkner	20 years AKB CD presentation
10:40	11:00		20 Years AKB	Infineon	Berkner	Designer, Models, Simulators: A view back
11:10	11:20	1	Infineon Overview	Infineon	Schmidt-Habich	IFX Company Overview
11:20	11:40		Coffee Break			
11:40	12:00	2	Presentation	ST	Celi	Investigation of new geometry scaling laws in BJT models
12:00	12:20		Discussion			
12:20	12:40	3	Presentation	AMS	Senepati	Measurement and Scaling of Parasitic PNP Bipolar
12:40	13:00		Discussion			
13:00	14:00		Lunch / Photo			
14:00	14:20		IFX Lab visit	Infineon	Kelting	
14:20	14:40	4	Presentation	TUD	Schröter	Status of HICUM L0, L2 and the Dotfive project
14:40	15:00		Discussion			(working titel)
15:00	15:20	5	Presentation	Infineon	Thiele	Hicum L0 Improvement of the injections width description
15:20	15:40		Discussion			
15:40	16:00		Coffee Break			
16:00	16:20	6	Presentation	AMS	Huska	Temperature Invariant Extraction of IS and VER
16:20	16:40		Discussion			
16:40	17:00	7	Presentation	IHP	Fischer	Simulation of IB Degradation after Stress
17:00	17:20		Discussion			
17:20	17:40		Coffee Break			
17:40	18:00	8	Presentation	FH Würzb.	Baureis	Avalanche in HBTs
18:00	18:20		Discussion			
19:30	22:00		Dinner			

Friday
Oct.19

Time		Topic	Company	Speaker	Titel
09:00	09:40	Member Matters		Berkner / all	
09:40	10:00	9 Presentation	IMS	Mans et. al.	Investigation of Ge content in the BC transition region
10:00	10:20	Discussion			with respect to transit frequency
10:20	10:40	Coffee Break			
10:40	11:00	10 Presentation	Infineon	Berkner	Bandgap reference simulation - principles and problems
11:00	11:20	Discussion			
11:20	11:40	11 Presentation	Infineon	Schönbein	Bandgap reference: simulation and measurement comparison
11:40	12:00	Discussion			
12:00	12:20	Coffee Break			
12:20	12:40	12 Presentation	Atmel	Kraus	Statistical Simulations of Bandgap Circuits
12:40	13:00	Discussion			
13:00	14:00	Lunch			
14:00	14:20	13 Presentation	Infineon	Gondro	Statistical Simulation Methodology for a Smart Power Technology
14:20	14:40	Discussion			(working titel)
14:40	15:00	Coffee Break			
15:00	15:20	14 Presentation	XFAB	Wald	Modeling of diffused resistors
15:20	15:40	Discussion			
15:40	16:00	Adjorn			