

A wide-angle photograph of the Infineon Munich Campeon building, a modern multi-story structure with a mix of grey, brown, and white panels and large glass windows. The building is situated behind a large, calm body of water that perfectly reflects the building and the sky. The sky is a clear, bright blue with a few wispy white clouds. The overall scene is bright and clear, suggesting a sunny day.

Welcome to the 25th Working Group Bipolar (AKB) 2012

Nov. 14, 2012
Infineon Technologies AG
Munich Campeon

1. Substrate Coupling for 500GHz HBTs, G.Fischer, IHP
2. Dynamic Aging Modeling, B.Ardouin et.al., XMOD
3. Modeling of Parasitic BJTs, C.Maier, Bosch
4. DOTSEVEN. Towards 0.7 THz SiGE, R.Lachner, Infineon
5. Implementation of Hicup/L2 v2.31, M.Schroeter, TUD
6. Hicup Lessons learned or QA in Spectre, W.Kraus, Telefunken
7. What makes the difference? On model QA, Berkner, Pieper, Inf.
8. How to make corner models for BJTs, S.Locci, Infineon
9. On pulsed RF measurements, M.Weiss, T.Zimmer et.al., IMS

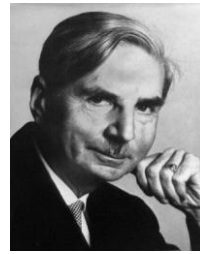
25 Years AKB

What is the right present?



Special SCRIPTUM edition on Pioneers of the Semiconductor History including five papers on ✓

- Heinrich Welker and Herbert Matare
- Karl Siebertz
- Walter Schottky
- Werner Hartmann
- Jenő Tihanyi



Time Table



from	to	min	Pr.	Topic	Speaker	Company	Titel
10:00	10:05	00:05		Opening remarks	Berkner	Infineon	
10:05	10:20	00:15		Member matters	Berkner	Infineon	
10:20	11:00	00:40	1	Presentation + Discussion	Fischer	IHP	Substrate Coupling for 500GHz HBTs
11:00	11:20	00:20		Coffee Break			
11:20	12:10	00:50	2	Presentation + Discussion	Ardouin	XMOD	Dynamic aging modeling for reliability simulation
12:10	12:40	00:30	3	Presentation + Discussion	Maier	Bosch	Modeling of Parasitic BJTs
12:40	13:40	01:00		Lunch			
13:40	14:00	00:20	4	Invited präsentation	Lachner	Infineon	DOTSEVEN. Towards 9.7 THz Sge
14:00	14:40	00:40	5	Presentation + Discussion	Schröter	TUD	Implementation of HICUM/L2 v2.31
14:40	15:20	00:40	6	Presentation + Discussion	Kraus	Telefunken	HICUM: Lessons learned
15:20	15:40	00:20		Coffee Break			
15:40	16:20	00:40	7	Presentation + Discussion	Berkner/Pieper	Infineon	What makes the difference? On model QA.
16:20	17:00	00:40	8	Presentation + Discussion	Locci	Infineon	How to make corner models for Bipolar transistors
17:00	17:40	00:40	9	Presentation + Discussion	Zimmer	IMS	On Pulsed measurements