



32nd AKB Workshop - Agenda

STMicroelectronics, Crolles

November 14/15, 2019



Agenda AKB 2019, STMicroelectronics Crolles

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■ Day 1, Thursday 14.11.2019

From	To	Time	N°	Topic	Speaker	Company	Title
13:30	13:40	00:10		Opening	D. Céli	STMicroelectronics	Welcome
13:40	14:10	00:30		Member matters	T. Rosenbaum	Infineon	New member introduction, guest, next AKB location and date,...
14:10	14:30	00:20	1	P & D ⁽¹⁾	P. Regner	Rohde & Schwarz	R&S Activities
14:30	15:00	00:30	2	P & D	R. Iskander T. Gneiting	Intento Design AdMOS	Systematic Prediction and Prevention of Substrate Noise Couplings Effects
15:00	15:30	00:30	3	P & D	R. Iskander	Intento Design	A Cognitive Software for Designing First-Time-Right Analog IPs
15:30	16:00	00:30	4	P & D	T. Rosenbaum	Infineon	An Approach for Improving Circuit Convergence Using HISIMHV as an Example
16:00	16:20	00:20		Coffee break			
16:20	16:50	00:30	5	P & D	K. Molnar	AMS	TSV Modeling from kHz to RF
17:50	17:20	00:30	6	P & D	F. Sischka	SisConsult	Experiences with Using the ASM-HEMT Model for III/IV
17:20	17:50	00:30	7	P & D	W. Grabinski	MOS-AK Association (EU)	FOSS/EDA Software for Compact Modeling: MOS-AK Persepctive
19:30	21:30	02:00		Dinner			Envol des saveurs (see map page 4)

⁽¹⁾ P & D : presentation and discussion

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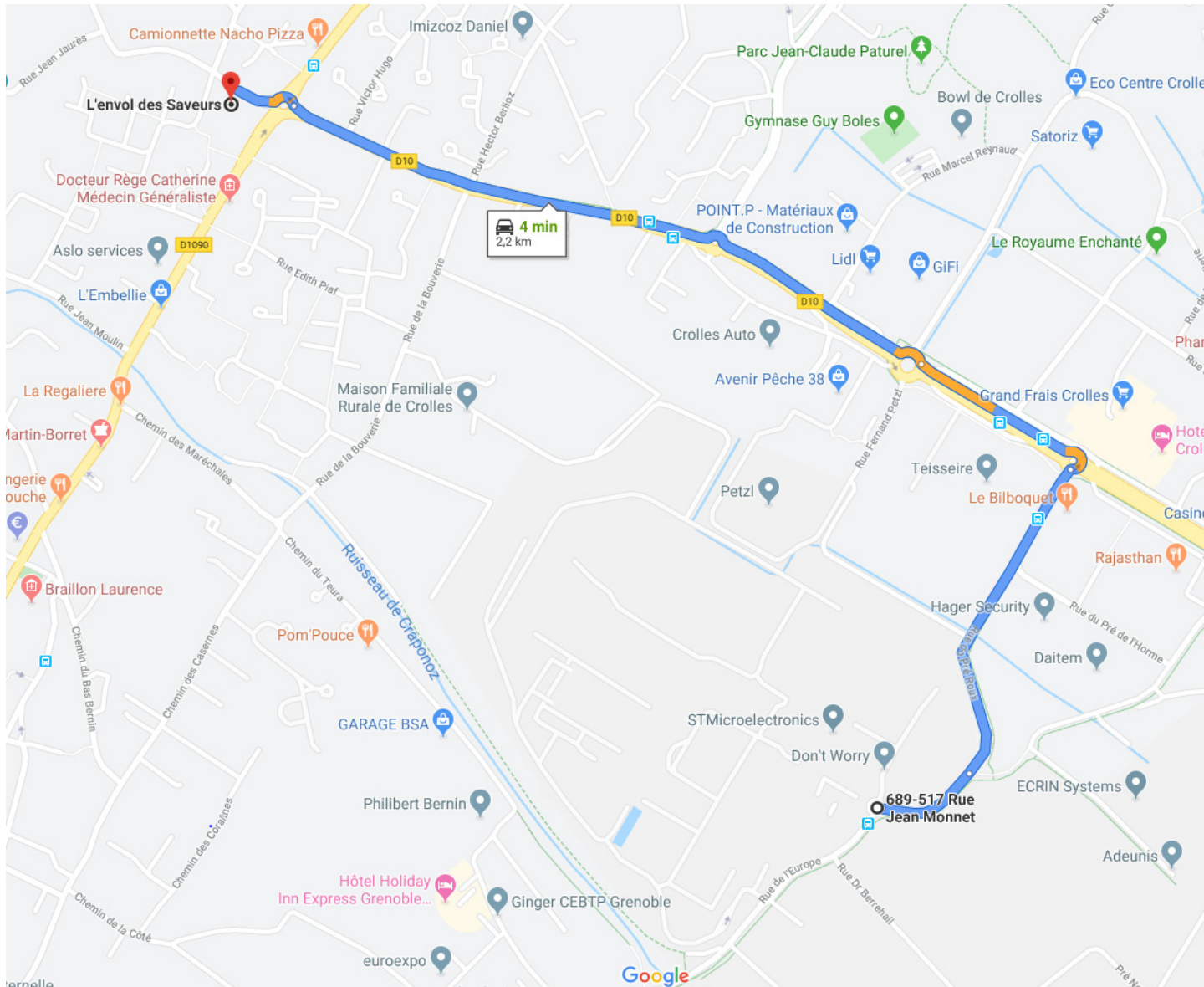
■ Day 2, Friday 15.11.2019

From	To	Time	N°	Topic	Speaker	Company	Title
08:20	08:30	00:10		Opening	D. Céli	STMicroelectronics	
08:30	09:00	00:30	8	P & D	G. Fischer	IHP	About low-frequency Noise in SiGe HBTs
09:00	09:30	00:30	9	P & D	T. Zimmer	IMS	TCAD Versus High Frequency Measurements of SiGe HBTs
09:30	10:00	00:30	10	P & D	M. Muller	TuD	Selected Results of HICUM Parameter Extraction for InP HBTs
10:00	10:30	00:30	11	P & D	T. Zimmer	IMS	Exploration of fmax
10:30	11:00	00:30		Coffee break			Group Photo
11:00	11:30	00:30	12	P & D	N. Derrier	STMicroelectronics	Breakdown Voltage and SOA of HBTs: A pragmatic Approach for PDKs
11:30	12:00	00:30	13	P & D	M. Jaoul	STMicroelectronics	Breakdown Voltage, SOA and Aging of HBTs: A Physics Based Approach for Compact Modeling
12:00	12:30	00:30	14	P & D	D. Céli	STMicroelectronics	Basic Principle of Model Parameter Extraction - Application to the Knee Current of SGP Model with QucsStudio
12:30	13:30	01:00		Lunch			
13:30	13:45	00:15		Final remarks	T. Rosenbaum	Infineon	

■ Letter session

N°	Topic	Author	Company	Title
1	Letter session	Z. Huszka	AMS	Parameter Extraction with QucsStudio v2.5.7
2	Letter Session	Z. Huszka	AMS	A Solution to the Q_{p0} Issue in HICUM Parameter Extraction

■ L'envol des Saveurs



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