

Zeun, H.; Korndörfer, F.; Heinz, S.; Buschnakowski, S.; Ebest, G.: „Summation phasenverschobener Signale“, Informationstagung Mikroelektronik 2003, pp. 529-533, 1.-2.10.2003 Wien, Österreich

Zeun, H.; Heinz, S.; Buschnakowski, S.; Korndörfer, F.; Schreiter, M.; Ebest, G.: „High-ohmic poly-Si in high-voltage circuits“, Proceedings Conference Applied Electronics 2003, pp. 244-247, 10.-11.09.2003 Pilsen, Tschechien

Zimmermann, S.; Baumann, J.; Kaufmann, C.; Gessner, T.: „Thermal stability of thin Ta and TaN_x films as diffusion barriers for copper metallization“, in Conf. Proc. ULSI XVIII, Materials Research Society, Warrendale (2003), p. 859 - 864

Zimmermann, S.; Ecke, R.; Rennau, M.; Schulz, S.E.; Hecker, M¹; Voss, A.¹; Engelmann, H.-J.²; Acker, J.¹; Mattern, N.¹; Zschech, E.²; Gessner, T.: „Characterisation of a PECVD WN_x Barrier Layer Against Copper Diffusion“, Poster presented at Advanced Metallization Conference (AMC), 21-23 Oct. 2003, Montreal, Canada.

¹ Institute for Solid State and Materials Research, Helmholtzstr. 20, D-01330 Dresden, Germany

² AMD Saxony LLC & Co. KG, Dresden, Materials Analysis Department, D-01330 Dresden, Germany

10 Guests & special international relations

Guests from:

January

22. & 23. ULISSE project technical meeting
Representatives of ST Crolles (F), Bull S.A. Paris (F), Philips Research Leuven (B), IMEC (B), LETI Grenoble (F), Infineon Technologies Munich (D)

Prof. R. Bruch, University of Nevada, Reno

26. & 27. FUDAN University, China:
Prof. Sun Lai-xiang, Vice President
Prof. Tong Jia-rong, Deputy Dean
Prof. Huang Yi-ping, Chairman
Ms. Li Hong, Deputy Chief

April

3rd Applied Materials Europe, Europe Technology Development
Dr. Didier Pique (Manager), Dr. Ursula Schmidt (Technologist)

May

8th Prof. Wetzig, Direktor des Instituts für Festkörperanalytik und Strukturforchung (IFS), Leibnitz-Institut für Festkörper- und Werkstoffforschung IFW Dresden

Prof. R. Bruch, University of Nevada, Reno

15th Doz. Dr.-Ing. Jan Mühlbacher, Doz. Dr.-Ing. Vaclav Kus,
Doz. Dr.-Ing. Vlastimil Skocil, Dozentenaustausch, TU Pilsen,
Tschechien, Mai, 3 Tage

June

20th Applied Materials Europe, Europe Technology Development
 Dr. Didier Pique (Manager), Dr. Ursula Schmidt (Technologist)
 European Conversion Center
 Jean-Marie Longchamp (Director Customer Productivity Support)

Prof. Reinhard Bruch, University of Nevada, Reno, USA

October

20th Prof. Wen (October/November) & Delegation from Chongqing / China

Dipl.-Ing. Robert Eichinger-Heue, EV Group Schärding, Österreich
 Doz. Dr.-Ing. Svetoslav Simeonov, TU Gabrovo, Bulgarien
 Doz. Dr.-Ing. Stefan Kartunov, TU Gabrovo, Bulgarien
 Doz. Dr.-Ing. Vladimir Shulgov, State University Minsk, Belarus

and

Dr. Jürgen Leib	Schott Glas Electronic Packaging
Dietrich Mund	Schott Glas Electronic Packaging
Dr. Toshihiro Itoh	University of Tokyo
Dipl.-Ing. Winfried Rabe	ATMEL Wireless & μ C
Dipl.-Ing. Roy Knechtel	X-Fab
Dipl.-Wirtschaftsing. Rolf Wolf	Süss Microtec
Dr. Wolfram Geiger	LITEF
Isabelle Thomas	Thales Avionics
Aiko Saito	Hitachi PERL
Dr. Yasuo Nakagawa	Hitachi PERL
Dr. Fumikazu Ito	Hitachi PERL
Dr. Armin Binneberg	ILK Dresden
Takahito Uga	Ricoh
Ikuo Katoh	Ricoh
Tsukasa Yanagida	Kyocera
Kunihiko Ueki	Kyocera
Kohta Uchiyama	Kyocera
Harry-Geord Juraschek	OEC GmbH
Dr. Andreas Plössl	Osram GmbH

Visit to

Prof. T. Gessner February 2003, The University of Tokyo, Japan

A. Delan, R. Ecke, M. Uhlig March 2003, MAM 2003, Marseille, France

St. Buschnakowski, June 2003, Transducers '03, Boston, USA
 St. Heinz

Dr. T. Otto March 2003, Chongqing University, China
 Jiao Tong University, Shanghai, China (Prof. Chen)
 FUDAN University, Shanghai, China

Prof. T. Gessner, July 2003, FUDAN University Shanghai,
Dr. R. Streiter Chongqing University, FACRI Xian, China
Jiao Tong University, Shanghai, China (Prof. Chen)

Prof. T. Gessner, Advanced Metallization Conference, 21-23 Oct. 2003
Dr. S. Frühauf, AMC 2003 , Montreal, Canada
S. Zimmermann

Prof. T. Gessner November 2003, FACRI Xian, China
Dr. R. Streiter
Dr. S. Kurth
DI R. Schmiedel

Scientific coworkers / PhD:

DI Alexej Schaporin Novosibirsk Technical University, Russia
November 2002 – December 2003

DI Wladimir Kolchuzhin Novosibirsk Technical University, Russia
November 2002 – December 2003

Ms. Jia Zhou China, FUDAN University, Shanghai
August 2002 – July 2003

Prof. Wen University of Chongqing, China
October/November 2003

Jang, Chol & DFG - Korea
Myong, Ilyong October / November 2003

Hata, Shohei Hitachi, PERL, Yokohama / Japan
March 2003 – February 2004

Jun Jun Wang China, FUDAN University, Shanghai
October 2003 – August 2004

Hironao Okada University of Toky, May 2003
Jia Chenping University of Xian, China, 1/2003 – 12/2003

Students:

Karel Besorna	TU Pilsen	03/2002 – 03/2003
Mariusz Patecki	TU Lodz	10/2002 – 04/2003
Jaroslav Dousa	TU Praha	10/2002 – 03/2003
Lukas Pelant	TU Praha	10/2002 – 03/2003
Sumanth R. Katkuri	University of Nevada, Reno	02/2003 – 07/2003
Bhanu P. Uppalapati	University of Nevada, Reno	02/2003 – 07/2003
Marek Rudnicki	TU Lodz	04/2003 – 09/2003
Marek Stefanski	TU Lodz	04/2003 – 08/2004
Marcin Suchodolski	TU Lodz	04/2003 – 08/2004
Jaroslav Fait	TU Pilsen	04/2003 - 09/2003
Jussi Salakka	TU Oulu	09/2002 – 03/2003
Nitin Kohli	University of Nevada, Reno, USA	10/2003 – 12/2003