



Publikationen 1994

Angermann, H.; Dittrich, Th.; Flietner H.: Investigation of Native Oxide Growth on HF-Treated Si(111) Surfaces Measuring the Surface State Distribution. Appl. Physics A 59 (1994) 193

Angermann, H.; Dittrich, Th.; Flietner, H.: Electronic Properties of HF-Treated Si (111) Surfaces During Native Oxide Growth. In: "Ultra-clean Processing of Silicon Surfaces", Eds.: M. Heyns, M. Meuris, P. Mertens, Acco, Leuven (1994) 363

Angermann, H.; Dittrich, Th.; Kliefoth, K.; Flietner, H.: Interface Defects at Si/SiO₂-Interfaces and their Relation to Growth Processes and Dynamic Effects. In: "Thin Films", Eds.: G. Hecht, F. Richter, J. Hahn, DGM Informationsges. Verl., Oberursel (1994) 518

Colell, H.; Alonso-Vante, N.; Fiechter, S.; Schieck, R.; Diesner, K.; Henrion, W.; Tributsch, H.: Crystal Growth and Properties of Novel Ternary Transition Metal Chalcogenide Compounds: Ir_xRu_{1-x}S₂ (0.005<x<0.5). Mat. Res. Bull. 29 (1994) 1065

Dittrich, Th.; Timoshenko, V. Yu.: Influence of H₂O Atmospheres on the Photoluminescence of HF-Passivated Porous Silicon. J. Appl. Phys. 75 (1994) 5436

Dittrich, Th.; Bitzer, Th.; Angermann, H.; Lewerenz, H. J.; Flietner, H.: Surface Electronic Properties of Electrolytically Hydrogen Terminated Si(111). J. Electrochem. Soc. 141 (1994) 3595

Dittrich, Th.; Flietner, H.; Timoshenko, V. Yu.; Kashkarov, P. K.: Influence of Surface Defects on Porous Silicon Luminescence. In: "Thin Films", Eds.: G. Hecht, F. Richter, J. Hahn, DGM Informationsges. Verl., Oberursel (1994) 490

Elstner, L.; Eschrich, H.; Kliefoth, K.; Flietner, H.: Determination of Recombination Properties During Various Stages of a Silicon Solar Cell Process by Surface Photovoltage Methods. In: "Proceedings of the 12th European Photovoltaic Solar Energy Conference", Eds.: R. Hill, W. Palz, P. Helm, H. S. Stephens & Associates, Bedford, UK (1994) 1800

Elstner, B.; Schöpke, A.; Selle, B.: RBS Analysis of Thin MoSix Films: Correlation Between Stoichiometry and some Features of Sputtering. Nucl. Instrum. and Methods in Phys. Res. B 85 (1994) 297

Eschrich, H.; Elstner, L.; Bruns, J.: Numerical Simulation of ac-j-hit Solar Cells. In: "Proceedings of the 12th European Photovoltaic Solar Energy Conference", Eds.: R. Hill, W. Palz, P. Helm, H. S. Stephens & Associates, Bedford, UK (1994) 172

Fenske, F.; Lange, H.; Selle, B.: Interdiffusion and Reaction Processes in the TiNiAg Contact System on Silicon. In: "Formation of Semiconductor Interfaces",

HMI Solarenergieforsch.

Silizium Photovoltaik

Publikationen SE1

1992 bis 2002:

[Jahrgang 2002](#)

[Jahrgang 2001](#)

[Jahrgang 2000](#)

[Jahrgang 1999](#)

[Jahrgang 1998](#)

[Jahrgang 1997](#)

[Jahrgang 1996](#)

[Jahrgang 1995](#)

[Jahrgang 1994](#)

[Jahrgang 1993](#)

[Jahrgang 1992](#)

Eds.: B. Lengeler, H. Lüth, W. Mönch, J. Pollmann, World Scientific Publ. Co., Singapore (1994) 281

Fenske, F.; Schulze, S.; Selle, B.; Lange, H.; Wolke, W.: Multilevel Contact System with a Thin Silicide Reaction Controlling Interlayer. In: Silicides, Germanides, and Their In-terfaces, Eds.: R. W. Fathauer, S. Mantl, L. J. Schowalter, K. N. Tu, Pittsburgh, USA, Mat. Res. Soc., Vol. 320 (-1994) 427

Krankenhagen, R.; Schmidt, M.; Henrion, W.; Sieber, I.; Selle, B.; Flietner, H.: Optical and Photoelectrical Properties of mc-Si Layers and the Influence of Subsequent Hy-drogenation. In: "Thin Films", Eds.: G. Hecht, F. Richter, J. Hahn, DGM Informationsges. Verl., Oberursel (1994), p. 513; phys. stat. sol. (a) 145 (1994) 401

Lange, H.; Henrion, W.; Jahne, E.; Giehler, M.; Günther, O.; Schumann, J.: Optical Properties of Semiconducting Silicides. In: Silicides, Germanides, and Their Interfaces, Eds.: R. W. Fathauer, S. Mantl, L. J. Schowalter, K. N. Tu, , Pittsburgh, USA, Mat. Res. Soc., Vol. 320 (-1994) 479

Mende, G.; Fenske, F.; Flietner, H.; Jeske, M.; Schultze, J. W.: Localized Anodic Oxide Films on Si: Preparation and Properties. *Electrochimica Acta* 39 (1994) 1259

Obraztsov, A. N.; Pirogov, V. G.; Timoshenko, V. Yu.; Dittrich, Th.: Photoreflectance Analysis of Porous Silicon. *Phys. Low-Dim. Struct.* 2 (1994) 95

Panknin, D.; Eichhorn, F.; Wieser, E.; Skorupa, W.; Henrion, W.; Albrecht, J.: Electrical and Optical Properties of β -FeSi₂ after Co Implantation and Annealing. *Nu-cl. Instrum. Methods in Phys. Res. B* 84 (1994) 172

Panknin, D.; Henrion, W.; Wieser, E.; Voelskow, M.; Skorupa, W.; Vökse, H.: Electrical and Optical Properties of Co Alloyed β -FeSi₂ Formed by Ion Be-am Synthesis. In: Si-licides, Germanides, and Their Interfaces, Eds.: R. W. Fat-hauer, S. Mantl, L. J. Schowalter, K. N. Tu, Pitts-burgh, USA, Mat. Res. Soc., Vol. 320 (-1994) 197

Rappich, J.; Aggour, M.; Jungblut, H.; Lewerenz, H. J.: Photoelectrochemical Smoothing of n-Si (111). *J. Electrochem. Soc.* L 99 (1994) 141

Reinsperger, G.-U.; Schöpke, A.; Selle, B.: Quantitative Composition Analysis of Semiconducting Silicide Films. In: "Thin Films", Eds.: G. Hecht, F. Richter, J. Hahn, DGM Informationsges. Verl., Oberursel (1994) 461; phys. stat. sol. (a) 145 (1994) 425

Scharf, S.; Schmidt, M.; Wulf, F.; Bräunig, D.: Comparison of the Generation of Interface States in MOS Structures due to ⁶⁰Co and VUV Irradiation Ac-companied with Photoinjection of Electrons. *IEEE Trans. Nucl. S-ci.* NS-41 (1994) 460

Schmidt, M.; Brauer, M.; Bannach, J.; Flietner, H.: Characterization of Heterojunctions by Photoinjection. In: "Proceedings of the 12th European Photovoltaic Solar Energy Con-ference", Eds.: R. Hill, W. Palz, P. Helm, H. S. Stephens & Associates, Bedford, UK (1994) 519

Schumann, J.; Elefant, D.; Gladun, C.; Heinrich, A.; Pitschke, W.; Lange, H.:

Henrion, W.; Grötzschel, R.-: Polycrystalline Iridium Silicide Films: Phase Formation, Electrical and Optical Properties. In: "Thin Films", Eds.: G. Hecht, F. Richter, J. Hahn, DGM Informationsges. Verl., Oberursel (1994) 710; phys. stat. sol. (a) 145 (-1994) 429

Sinh, N. D.; Flietner, H.: Frequency Dispersion and Relaxation Effects of Interface States at Si/SiO₂-Interfaces. In: "Formation of Semiconductor Interfaces", Eds.: B. Len-geler, H. Lüth, W. Mönch, J. Pollmann, World Scientific Publ. Co., Singapore (1994) 369

Wagemann, H. G.; Eschrich, H.: Grundlagen der photovoltaischen Energiewandlung: Solarstrahlung, Halbleitereigenschaften und Solarzellenkonzepte. Stuttgart (1994), Teubner-Verlag, Reihe Studienbücher

