

## 11 Publikationen

### Publikationen:

*Bimodal growth of manganese silicide on Si(100)*

H. Lippitz, J.J. Paggel, and P. Fumagalli,  
Surf. Science **575**, 3, 307-312 (2005)

*Influence of step structure and Bi induced surface structure on mass transport in Mn growth on Si(100)*

H. Lippitz, J.J. Paggel, K. Schwinge and P. Fumagalli, in Vorbereitung.

*Observation of reversed hysteresis loops and negative coercivity in granular GaAs-Fe hybrid structures*

P. Fumagalli, G. Sommer, H. Lippitz, S. Haneda, and H. Munekata,  
J. Appl. Phys. **89**, 7015-7017 (2001).

*Magneto-optic properties of thin EuS/Co and EuS/Cu films on Si(111) substrates*

Chr. Müller, H. Lippitz, J. J. Paggel, and P. Fumagalli,  
J. Appl. Phys. **91**, 7535-7537 (2002).

*Evidence of exchange-induced spin polarization in the magnetic semiconductor EuS*

Chr. Müller, H. Lippitz, J. J. Paggel, and P. Fumagalli,  
J. Appl. Phys. **95**, 7172-7174 (2004).

*Spin polarization in the semiconductor EuS at 300 K: a novel spin-injection material*

Chr. Müller, H. Lippitz, J.J. Paggel, and P. Fumagalli,  
submitted to Phys. Rev. Lett. (2005).

### Vorträge:

*Wachstum und magnetische Eigenschaften von EuS-Schichten auf Si(111)-(7x7)*

H. Lippitz, Chr. Müller, J.J. Paggel, P. Fumagalli, DPG-Frühjahrstagung 2001, Hamburg

*Studies on the growth of thin Mn films on Si(100)*

H. Lippitz, J.J. Paggel, P. Fumagalli, DPG-Frühjahrstagung 2004, Regensburg

### Poster und Posterbeteiligungen:

*Magnetic properties of thinCoPt films on stepped Si(111)-(7x7)*

K. Schwinge, J. Podsiadly, H. Lippitz, Chr. Müller, J. J. Paggel, P. Fumagalli,  
Nanomagnetism and growth processes on vicinal surfaces (NANOMAG), 14.-16. 09.2000,  
Uppsala, Sweden

*Magneto-optic properties of thin EuS/Co and EuS/Cu films on Si(111) substrates*  
H. Lippitz, Chr. Müller, J.J. Paggel, P. Fumagalli, 281. WE Heraeus Seminar, 12.-  
15.06.2002, Wandlitz

### Verschiedenes:

Europäische Patentanmeldung 02090303.5  
Prof. Dr. P. Fumagalli, H. Lippitz, Chr. Müller, PD. Dr. J.J. Paggel, Patentblatt 2004/07  
(11.02.2004)

United States Patent Application Publication  
Prof. Dr. P. Fumagalli, H. Lippitz, Chr. Müller, PD. Dr. J.J. Paggel, Pub. No.:  
US 2004/0104415 A1 (03.06.2004)