

Poster Session

1	Analysis of the melting process of silicon granulate	K. Dadzis IKZ
2	Phase transitions of silicon under dynamic and non-hydrostatic conditions	E. Carl ALU Freiburg
3	A decade of KRISTMAG® technology in crystal growth	R. Zwierz IKZ
4	Investigation of the incorporation behavior of Si ₃ N ₄ particles under terrestrial and µg conditions	T. Jauß ALU Freiburg
5	In-situ observation of the interaction of foreign phase particles and the growth front in transparent melts	N. Pfändler ALU Freiburg
6	Investigation of soluto-capillary convection in GexSi1-x melts	K. Gimbel ALU Freiburg
7	Convection in a thin melt layer and its influence the impurity distribution in Ge	M. Gonik Centre for Material Researches "Photon"
8	Strain and stress in 3 inch HVPE bulk GaN towards strain reduction	C. Schröter Fraunhofer THM
9	Selective nucleation of GaAs on Si nano-tips by MOVPE	Iván Prieto
10	Crystal Structure and Electrical Characterization of AlScN	J. Zou ALU Freiburg
11	Chemical stability of carbon-based inorganic construction materials for in situ x-ray measurements of ammonothermal crystal growth of nitrides	S. Schimmel FAU Erlangen-Nürnberg
12	First complete computational simulation of an LPS (Lateral-Photovoltage-Scanning) measurement setup	S. Kayser IKZ
13	The new ESRF X-ray topography station at beamline BM05, projects and selected results	J. Härtwig ESRF
14	Development of multi-wire sawing processes for hard brittle materials	T. Kaden Fraunhofer THM
15	Single-Crystal and Powder Diffraction at the Swiss Spallation Neutron Source SINQ	R. Sibille PSI Villingen
16	Growth of (Cd,Zn)Te by the Travelling Heater Method THM	M. Fiederle ALU Freiburg
17	CdTe on Medipix – Applications in Radiography	F. Fischer ALU Freiburg
18	Thermoanalytical and Thermophysical Characterization of Lead Telluride	E. Post NETZSCH
19	Crystal growth of the electron doped cuprate Nd _{2-x} Ce _x CuO ₄	A. Dorantes BADW
20	Crystal chemistry and growth of van der Waals materials	E. Giannini Uni Geneva
21	Spin correlations in the spin liquid phase of the triangular lattice compound YbGaMgO ₄	K. Rolfs PSI
22	Crystal growth and magnetic characterization of kagome-typed materials	C. Klein Uni Frankfurt
23	A mixed Methylammonium and Guanidinium Ruddlesden-Popper Phase for Photovoltaics	M. Daub ALU Freiburg
24	Thermodynamic studies of CuAlO ₂	N. Wolff IKZ
25	Single crystal growth of Sb-based thermoelectric materials	M. Pillaca LMU München

26	Crystallization of coated nanoparticles	C. Walter Uni Frankfurt
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Additional Posters

27	Youth Crystal Growth in the Freiburg - Region: Projects "Jugend Forscht" 2015	V. Schranz Kerschensteiner Schule
28	Youth Crystal Growth in the Freiburg - Region: Georg Kerschensteiner Schule gewinnt den 2. Preis im Schülerwettbewerb „Wer züchtet den schönsten Kristall“	R. Tschertter Kerschensteiner Schule