POSTER

1 Overview FOR 5044

2 Umar Bashir Ganie. IKZ

Phase diagram of Li(Nb,Ta)O₃ solid solution crystals

3 Mallika Khosla, IKZ

Phase transition dynamics of Ferroelectric K_xNa_(1-x)NbO₃ thin film

4 Mohamed Abdeldayem, IKZ

Defect and Strain Engineering in SrTiO₃ and CatiO₃ thin films epitaxially grown by metal organic vapor phase epitaxy (MOVPE)

5 Arub Akhtar, IKZ

Defects investigation by TEM on (100) &-Al GaO/(100)&-Ga O heterostrucktures

6 Saud Bin Anooz, IKZ

Effects of strain on the optical properties and phase transition of K1-xNaxNbO3 epitaxial films

7 Marilia de Oliveira Guimaraes, IKZ

Ferroelectric Domain Switching in Potassium Sodium Niobate Thin Films

8 Jeremy Maltitz, IKZ

Epitaxy and Transfer of Perovskite Oxides

9 Jana Rehm, IKZ

The challenge to grow & (Al_xGa_{1-x})₂O₃ on (100)off-oriented &-Ga₂O₃ by MOVPE

10 Christian Rhode, IKZ

Structural and Resistive switching-behavior of non-stoichiometric SrTiO₃-thin films. An investigation with respect to ferroelectric antisite-defects

11 Shivani Yedama, TU DD

Fabrication and Properties of Artificial Interfaces between Ferroelectric Crystals

12 Laura Bollmers, Uni Paderborn

Investiation of periodic poling in LNOI

13 Abdelhadi El Hachmi, Uni Kenitra

Structural and optical properties of ceramics $Sr_{3-x}Pb_xFe_2TeO_9$ (x = 1.50, 1.88 and 2.17)

14 Claudia Kofahl, TUC

Ion transport in lithium niobate and related materials

15 Harald Schmidt, TUC

How to perform tracer diffusion experiments in lithium niobate and related materials

16 Yuriy Suhak, TUC

Stability of high-temperature electrical properties of congruent and near-stoichiometric single crystalline $Li(Nb, Ta)O_3$

17 Holger Fritze, TUC

High-Temperature Investigation of Stoichiometric Lithium Niobate

18 Uliana Yakhnevych, TUC

Charge Transport and Accoustic Loss in Lithium Niobate-Lithium Tantalate Solid Solutions

19 Felix Bernhardt, JLU Gießen

Composition dependent optical properties of LiNb_{1-x}Ta_xO₃ solid solutions

20 Christa Fink, JLU Gießen

Investigation of hydrogen diffusion in LiNbO₃ from density-functional theory

21 Mike Pionteck, JLU Gießen

Vibrational and optical properties of LiNbO3 and LiTaO3 under uniaxial stress

22 Dhyan Kohlmann, TUC

"Detection of nm-Scale Displacements at Frequencies down to 1 mHz by High-Temperature Differential Laser Doppler Vibrometry (D-LDV)"