

START 2014: International Dissemination Conference

Kiev, Ukraine, June 26-27, 2014



Conference Information: V.N. Bakul Institute for Superhard Materials of the National Academy of Sciences, 2, Avtozavodskaya Str., KIEV- 04074, Ukraine
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Conference Program

9⁰⁰ – 10⁰⁰ **Conference registration**

DAY 1, Thursday 26.06.14, Red Hall: 10:00–12:30

Chair: N.V. Novikov Academician of the National Academy of Sciences of Ukraine

10⁰⁰-10¹⁵ **Status and prospects of scientific and technical cooperation between Ukraine and the EU**, Y. Dubynskiy, National NCP coordinator, Kiev, Ukraine

10¹⁵-10³⁰ **The ISM Strategy -2020**, Prof. Dr. N. Novikov, ISM, Kiev, Ukraine

10³⁰-11⁰⁰ **Overview of the project START results**, project START coordinator, Dr. Y. Nikitin, ISM, Kiev, Ukraine

11⁰⁰-11³⁰ **Granularity effects in high-temperature superconductors: MgB₂ and iron based compounds**, Dr. M.Eisterer, Atominstitut, Vienna University of Technology, Vienna, Austria

11³⁰-12⁰⁰ **The high pressure forms of Si₃N₄, AlN and Si(Al)ON: Synthesis, Properties and Prospects of a New Class of (Super)hard Materials**, Dr. M. Schwarz, TU Bergakademie Freiberg, Germany

12⁰⁰-12³⁰ **New methodologies for synthesis of bulk ultra-hard materials and some recent achievements**, Dr. Y. Le Godec, University Paris VI, France

12³⁰-13⁰⁰ **Coffee break**

DAY 1, Thursday 26.06.14, Red Hall: 13:00–17:00

Chair: Volodymyr Turkevych - ISM LEAR

- 13⁰⁰-13³⁰ **UNIPRESS – ISM (NASU) scientific cooperation prospects**, Prof. Dr. S. Porowski, Institute of High Pressure Physics, Warsaw, Poland
- 13³⁰-14⁰⁰ **Properties of bulk superconducting materials**, Prof. Dr. J. Noudem, CRISMAT-CNRS, Caen, France
- 14⁰⁰-14³⁰ **Synthesis of MAX phases of Ti-Al-C(N) system and MgB₂ in the wide range of pressures and temperatures**, Prof. Dr. T. Prikhna, ISM, Kiev, Ukraine
- 14³⁰-15⁰⁰ **Technology Platform of the NASU "Materials" project «BILAT - Ukraine»**, G.Chernyshov, Institute of Problems of Materials Science, Kiev, Ukraine
- 15⁰⁰-15³⁰ **Properties of PCD materials with cobalt, MAX and borides bonding phases at elevated temperatures**
L. Jaworska, The Institute of Advanced Manufacturing Technology, Krakow, Poland
- 15³⁰-15⁵⁰ **Support mechanisms for innovation of the project «BILAT-Ukraine»**, M. Gorokhovatska, Joint planning department of NASU, Kiev, Ukraine
- 15⁵⁰-16¹⁰ **Post-project Exploitation Plan of the project START**, I. Kulchytsky, European Innovation Agency, Lviv, Ukraine
- 16¹⁰-16³⁰ **Project proposals preparation for HORIZON-2020 program**, A. Bakowski, Hi-Tech Consultants, Warsaw, Poland
- 16³⁰-17⁰⁰ **Discussion and presentations of the participants**
- 18⁰⁰ Dinner**

DAY 2, Friday 27.06.14, Red Hall: 10:00–13:30

Chair: Yuri Nikitin - project START coordinator.

- 10⁰⁰-10³⁰ **CNRS-PPRIME- - ISM (NASU) scientific cooperation prospects**, Prof. Dr. T. Cabioch, University Poitiers, France
- 10³⁰-11⁰⁰ **Atomic Resolution Transmission Electron Microscopy Studies of III-Nitride Nanostructures**, Dr. M. Albrecht, Institute of Crystal Growth, Berlin, Germany
- 11⁰⁰-11³⁰ **Melt-textured YBCO for large-scale application**, Prof. Dr. W. Gawalek, IPHT and Magnetworld AG, Jena, Germany
- 11³⁰-12⁰⁰ **Expansion of research subjects of ISM**, Prof. Dr. V. Turkevych, Kiev, ISM, Ukraine
- 12⁰⁰-12³⁰ Coffee break**
- 12³⁰-13³⁰ **Roundtable: New project proposals to the program "Horizon 2020"**