

Tools for the future through research
BUSINESS THROUGH RESEARCH - ASTRaL-SEMINAR
Thursday 21.01.2010, at 14:00 – 16:00 p.m.

Mikkeli university consortium, Negotiation room 1. floor, Lönnrotinkatu 7, Mikkeli

The utilisation of research results brings a competitive advantage in an ever-changing environment. However, in order for companies to capitalise on the research, they have to be aware of the capabilities that can be achieved and how these can impact on their products. This seminar BUSINESS THROUGH RESEARCH introduces some of the fields of current research in thin films and surface modifications. It aims to promote cooperation between research organisations and enterprises and to make the province more innovative and competitive. To develop productive collaboration we must identify the needs of business and the possibilities coming from research. Our goal is that this seminar boosts the growth of high technology in South-Savo in business and research.

This seminar presented by ASTRaL (Advanced Surface Technology Research Laboratory), the Mikkeli-based research unit of Lappeenranta University of Technology, introduces its research in thin film technology. Thin films are very widely used in many different industries, ranging from pharmaceuticals and medicine to the automotive, environmental and food industries. They have an ever-increasing range of applications. One important goal of this seminar is to illustrate some uses of this ubiquitous but hidden technology.

PROGRAM

INTRODUCTION

Professor David Cameron

Advanced Surface Technology Research Laboratory (ASTRaL), LUT Savo

ATOMIC LAYER DEPOSITION ON POLYMER BASED MATERIALS;
CASE STUDIES: DIFFUSION BARRIERS ON FLEXIBLE PACKAGING MATERIALS, ALD ON POLYMER PARTICLES, SEED LAYERS ON POLYMERS

Researcher Tommi Kääriäinen

Advanced Surface Technology Research Laboratory (ASTRaL), LUT Savo

ATOMIC LAYER DEPOSITION OF CUCL NANOCRYSTALS AND THEIR POTENTIAL APPLICATION IN ELECTRO OPTICS

Researcher Philipp Maydannik

Advanced Surface Technology Research Laboratory (ASTRaL), LUT Savo

BUSINESS THROUGH RESEARCH – ASTRaL-Seminar is organized by Mikkeli University Consortium and Lappeenranta University of Technology. It is open for everyone and free of charge. Please register before Tuesday 19.01.2010 at info@muc.fi.

More information: Secretary general Matti Malinen, Mikkeli University Consortium, tel. 050 496 8981 or matti.malinen@muc.fi