
The eChallenges e-2010 Conference

IHP as Access Point for West Balkan Students and Scientists in European ICT Research Programs

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Outline

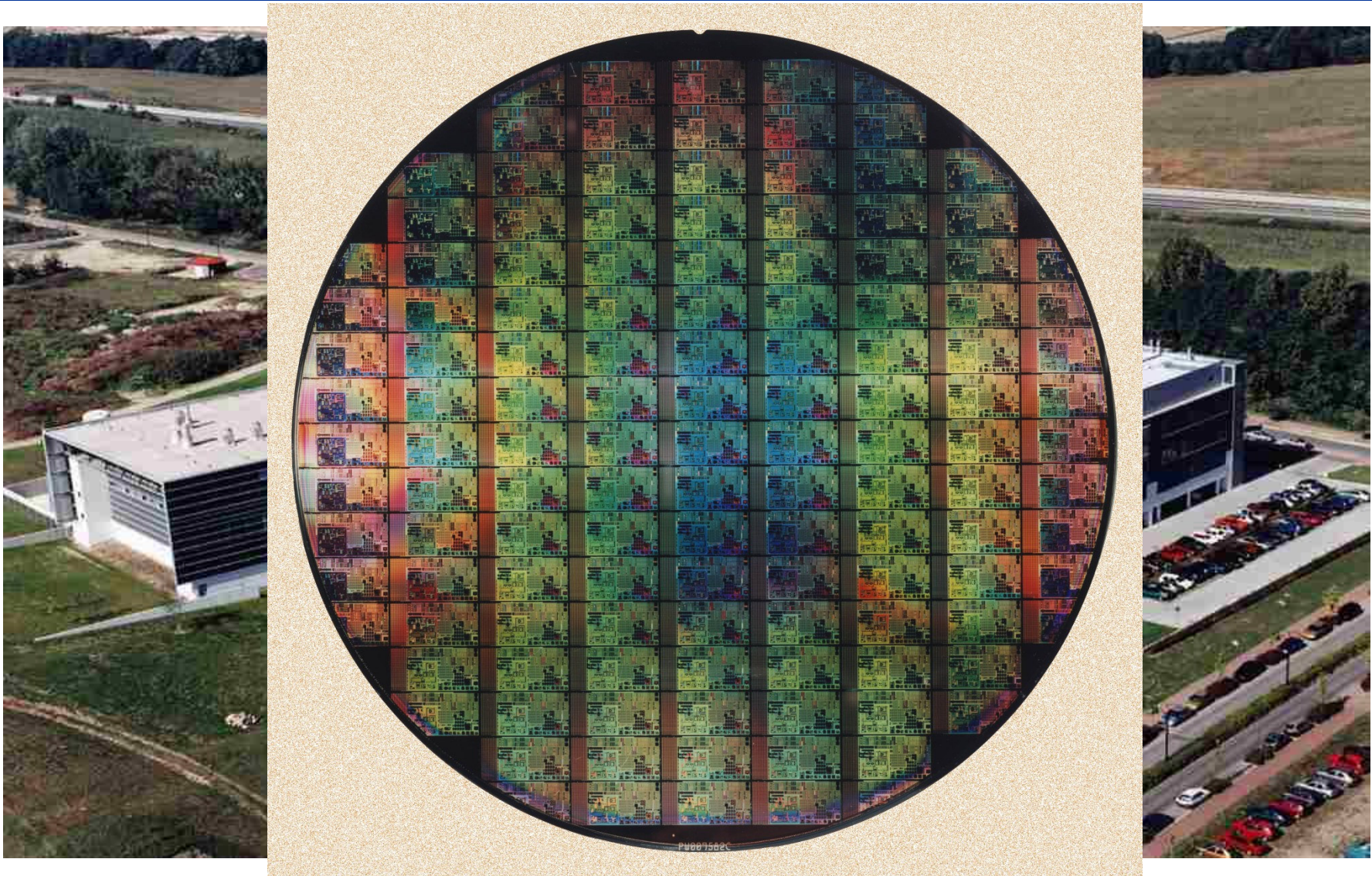
- Where I Come From
- Where I Work Now
- European ICT Projects
- National Exchange Programs
- How to Collaborate
- New ICT Proposals

- The second highest educational institution of Serbia
 - 13 faculties
- The first undergraduate programs commenced in Niš under the academic patronage of the University of Belgrade in 1960
- As an independent level-granting institution founded on June 15, 1965
- Faculty of Electronic Engineering
 - The first Department of Microelectronics in Former Yugoslavia

Faculty of Electronic Engineering



IHP in a Nutshell



IHP in a Nutshell

- Re-founded 1992
 - Re-establish region as a high-tech area
 - Create high-tech jobs
- Budget ~ 20 million €
- Research grants ~ 13 million €
- About 240 employees
- Since 1996 focus on wireless communication technologies
 - System design (50)
 - RF circuit design (25)
 - Technology (110)
 - Material research (15)

European ICT Projects

- High performance WLAN
 - MiMax: Innovative MIMO RF front-end
 - EU-Strep, 2008, <http://www.ict-mimax.eu>
 - OMEGA: Gigabit home network
 - EU-IP, 2008, <http://www.ict-omega.eu>
 - Galaxy: GALS interface for complex digital systems
 - EU-Strep, 2008, <http://www.galaxy-project.org>
- Low power WSN
 - WSN4CIP: Securing critical infrastructures
 - EU-Strep, 2009, <http://www.wsan4cip.eu>

National Exchange Programs

- Brain Gain Program of WUS-Austria
- German Committee on Eastern European Economic Relations and Zoran Djindjić Fund
- German Academic Exchange Service: Student internship
- German Academic Exchange Service: Research exchange

How to Collaborate

- Write the papers and submit them to the international research and scientific conferences
- Write the research papers together with your potential partners from the EU countries
- Use the national academic exchange programs
- Write the common project proposals

New ICT Proposals

- Join us
 - IHP (Germany), System on chip design
 - Zoran Stamenković (stamenko@ihp-microelectronics.com)
 - University of Patras (Greece), Computer arithmetic
 - Thanos Stouraitis (thanos@ee.upatras.gr)
 - University of Cantabria (Spain), Digital signal processing
 - Ignacio Santamaria (nacho@gtas.dicom.unican.es)
 - ...