UNIVERSITY LABS AS CARRIERS OF INDUSTRIAL REVIVAL IN DEVELOPING COUNTRIES: A SOFTWARE ENGINEERING CASE

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LISTED PROBLEMS

• Structure of enrolled students
• Number of enrolled vs. graduated students
• Structure of employees in companies
• Demands of industry
• Influence of industry on students/university
• Expectations of students
• Constraints by administrations
• …
ELTE

- Open source project
- Build the community
- Be influential
PHARO CONSORTIUM
• Open source project
• Open access to all materials
• Problem $\leftrightarrow$ Solution based collaboration
  • Promotes usage of Pharo
  • Supports development of Pharo
  • Influences directions of Pharo development
• Success stories
  • http://pharo.org/success
  • France, Switzerland, Czech, Germany,…
  • Japan, Argentina, Chile,…
University of Novi Sad

Faculty of Sciences

Other faculties

DMI

Other departments

Informatics

Mathematics

Chairs

CS

TFI

ISIT

SQLAB @DMI
MEMBERS

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Nataša Sukur, MSc
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Mr Ivan Pribela
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ACADEMIC ACTIVITIES
INTRODUCE & PREPARE

• Attract children to play with programming
• Find talents, make them recognize it
• Prepare future students
• ...
• Become a club for “undiscovered” talents
TEACH ↔ CONSULT

- Teach principles
- Apply principles on real problems
- Teach in companies
- Discover their problems
- Offer a solution

➡ BUILD IT
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COOPERATION AT ACADEMIC INFORMATICS EDUCATION ACROSS BALKAN COUNTRIES AND BEYOND

- Reuse the model
  - ELTE, Pharo, ...
- Adapt the model to the local needs
- Create the network of labs
- Apply!!! (H2020, COST,...)
- Reuse existing materials/products
- Refresh, adapt,...
- Open it???
  - For access, for contributions,...

INCLUDE THE INDUSTRY & INVOLVE YOUNG POPULATION
THANK YOU