



Polish - Australian Workshop on Agile Management for Industry 4.0

Sept 19th – Sept 30th, 2022

Applications will be accepted by the FEM International Office. The deadline for this application is September 11th, 2022.

Plan for Agile Management for Industry 4.0

Sept. 19th Monday	<p>Agility of Enterprise 4.0 <i>The changing enterprise paradigm: craft, mass, lean, agile. From agile manufacturing to agile enterprise. Levels of enterprise agility: reactive, proactive, and virtual enterprise. How IT can support agility - two cases: 1) using artificial intelligence to discover opportunities; 2) putting the enterprise on the path of Industry 4.0 – mini projects by students.</i></p>
Sept. 20th Tuesday	<p>Risk Management in Agile Enterprise - during the workshop in the theoretical part chosen elements will be presented: idea and meaning of the risk, identification and assessment of risk, chosen method of risk management, environment of the enterprise, use of business opportunity. In the practical part You will have the possibility to identify and assess risk associated with the use of opportunities occurring in the enterprise environment.</p> <p>Financial aspects of agility - Agile finances in smart Enterprises and smart financing of agile enterprises - where to look for funds and how not to squander them frivolously. Is Agile always a synonym of financial optimization? What are the costs of being agile?</p>
Sept. 21th Wednesday	<p>Social competences in agile teams - during this workshop chosen competencies, such as communication, teamwork, creativity, solving problems are going to be discussed and developed among participants. These competencies enable fast and flexible reaction to changes occurring in the business environment of the company. Social competences in agile teams workshop is aimed to identify social competencies of workshop participants, which are going to be used during next courses of Summer School.</p>
Sept. 22th Thursday	<p>Managing an agile project team - during this workshop the following aspects will be discussed: the idea of an agile approach and differences between traditional methodologies, reasons why the an agile approach becomes indispensable, various agile methodologies - you will gain the ability to choose the right approach, and good practices and business cases using agile with a set of basic principles of work. You will gain theoretical and simulation knowledge, and you will acquire knowledge of the processes necessary to run agile projects, you will also learn specific tools for working with feedback and how you can develop yourselves in agile methodologies and what are the possibilities of business certification.</p>
Sept. 23th Friday	<p>How to create a business model that works? - Application and practice of Business Model Canvas, Lean Canvas and Value Proposition Canvas - the purpose</p>

	of the workshop is to create in teams step-by-step a business model for a product / service that, in your opinion, will provide added value to the target group of customers (meet their needs, solve their problems) and will have commercial potential. The task is to identify the unique features / functionality of your solution (value proposition) and a detailed profile of the client / target group to which you will address your offer. The next steps will be to explore the possibilities and determine the distribution/communication channel, the way of building customer relationships, and revenue streams as well key resources, key activities and critical partners/suppliers. Finally, you will ask to provide the cost structure broken down into fixed and variable costs of your business model and assess whether the business will bring a profit.
Sept. 26th - Sept. 30th	Second week of summer school will be workshops - business in practice within companies from various sectors (car manufacturing, logistics, food industry, electronics, construction).

Teaching staff

Classes will be taught by prominent experts in agile management, production systems, management theorists and practitioners:

- Prof. Stefan Trzcielinski, D.Sc.
- Ewa Badzińska, Ph.D.
- Agata Branowska, Ph.D.
- Karolina Grobelna, Ph.D.
- Paweł Królas, Ph.D.
- Marek Miądowicz, Ph.D.
- Małgorzata Spychała, Ph.D.

Applications must be emailed to kalina.musial@put.poznan.pl

In case of any questions

Please do not hesitate to contact us at marcin.butlewski@put.poznan.pl