

I Seminari su “Information Technology Outlook” – Dottorato di Ricerca in Informatica e Matematica

AVVISO DI SEMINARIO



Prof. Marco Aurelio Gerosa
Northern Arizona University (NAU), USA

16 Maggio, 2024
15:30, Sala Consiglio

Software Engineering via bots, chatbots, and large language models

After providing an overview of the research conducted in our group, I will discuss our vision and current work on developing software supported by bots, chatbots, and large language models. Some of my recent work on this topic includes (i) developing a meta-bot to mediate the interactions of GitHub bots, (ii) evaluating the social aspects of chatbot language, and (iii) employing large language models to teach programming, software engineering, and open source software. We are currently prototyping interfaces that work as intermediaries between users, large-scale language models, and development environments to support software engineering practitioners and students developing software by interacting in natural language.

Dr. Gerosa is a Full Professor at Northern Arizona University (NAU), USA, and an advisor in the Computer Science graduate program at the University of São Paulo (USP), Brazil. He researches human aspects of software engineering and has published over 200 papers (h-index 49). He has graduated several students who are now researchers in leading institutions worldwide. For more information, visit <http://www.marcoagerosa.com>.