



dimarts, 03 de juliol de 2018

Ponència. Quantum programming

a càrrec de Denis Muši, Assistant Professor at the Faculty of Information Technologies (Dzemat Bijedic University, Mostar)

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PONÈNCIA Quantum programming

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DIMARTS, 2 DE JULIOL
SALA DE GRAUS EPS – 10:00h



El proper dimarts 2 de juliol, a les 10:00h, la sala de Graus de l'EPS acollirà un nou Seminari INSPIRES amb la ponència **Quantum programming** del professor **Denis Muši** de la Dzemat Bijedic University de Mostar (Bòsnia i Hercegovina).

Abstract: The appearance of the first computers required a separate room, special conditions, many cables and a group of people who served their

work. It did not take much time that the same computers, though much smaller and more powerful, have become an indispensable component of everyday life. However, slowly but surely, we have reached process capacities that we are able to achieve with existing materials and available technologies. The human need for collecting and analyzing data clearly showed the need to find new approaches in computer design. One of the possible alternatives requires a symbiosis with a science that deals with the almost unreal area called Quantum



Mechanics. Quantum computers are not too distant from us. They already exist, but history repeats because quantum computers currently require a separate room, special conditions, many cables and a group of people who serve their work. Therefore, it is expected that quantum computers will soon become an indispensable component of everyday life. During this short presentation, details of how quantum computers operate, as well as their impact on the traditional way of software development will be presented.

Denis Muši works as an Assistant Professor at the Faculty of Information Technologies (Dzermal Bijedic University, Mostar) where he teaches courses related to Programming and Principles of software development. Denis gained extensive experience in the development of projects related to Health care information systems, eUniversity services and as a consultant for private companies. His main areas of interest are: Programming, Databases, Artificial intelligence, Machine learning and Case-based reasoning. He owns MVP (Most Valuable Professional) and MCT (Microsoft Certified Trainer) title.