

**PROGRAMME FOR
PHD STUDENTS' WORKSHOP: ADVANCES IN CIVIL ENGINEERING RESEARCH AND PRACTICE**
hosted by Vilnius Gediminas Technical University (VGTU)
on 28-30 March 2012

VENUE: VGTU campus, Sauletekio al. 11, Faculty of Civil Engineering, room 01

27 March 2012 (Tuesday)

	Arrival in Vilnius. Accommodation in the hotel Tiltio (Tiltio str. 8, www.hoteltilto.com)
20.00	Informal get-together in a restaurant downtown (optional). Pick-up from the hotel Tiltio (accompanying persons: PhD students Adas Meškėnas and Ronaldas Jakubovskis)

28 March 2012 (Wednesday)

08.30	Pick-up from the hotel (university car) to the seminar venue (accompanying person: Adas Meškėnas, PhD student)
9.00 – 9.15	Opening of the workshop. Vice-Rector for Research Prof. Antanas Čenys, Vice-Dean of the Faculty of Civil Engineering Dr Linas Juknevičius, Head of the Department of Bridges and Special Structures Prof. Gintaris Kaklauskas
9.00 – 10.15	„Lifetime prediction of existing steel bridge based on fracture mechanics approach – a case study”, Invited lecture, Assoc. Prof. Dr László Horváth, Budapest University of Technology and Economics
10.15 – 10.30	Coffee break
10.30 – 12.30	Get to know each other, team-building. Introduction by the representatives of partner universities from the Civil engineering view point (presentations made by PhD students)
12.30 – 13.30	Lunch in the campus café
13.45 – 15.00	“EpoxyPAN Nanotechnology in civil engineering. The main ideas, state and perspectives” (Dr A. Ponomarev, Dr. M. Yudovitch, P. Parfenov), Invited lecture, Prof. Andrey Ponomarev, St. Petersburg State Polytechnical University
15.00 – 15.15	Coffee break
15.15 – 16.45	“Structural optimization using stochastic algorithms”, Prof. Rimantas Belevičius, VGTU “Deformation analysis and constitutive modelling of concrete structures”, Prof. Gintaris Kaklauskas, VGTU
16.45 – 18.00	Introduction of Vilnius Gediminas Technical University research activities in the area of civil engineering. Visit to the laboratories (Dr Linas Juknevičius, Dr Darius Biekša)
18.30 – 20.00	Site visit to civil engineering objects
20.00	Dinner in the restaurant downtown

29 March 2012 (Thursday)

08:15	Pick-up from the hotel (university car) to the SWEDBANK- a structure designed by Prof. Audrius Ambrasas, VGTU (accompanying persons: PhD students Adas Meškėnas and Ronaldas Jakubovskis)
9.30 – 10.45	“The new kinds of light concrete for bridges and building constructions” (Dr A. Ponomarev, Dr. M. Yudovitch, P. Parfenov), Invited lecture, Prof. Andrey Ponomarev, St. Petersburg State Polytechnical University
10.45 – 11.00	Coffee break
11.00 – 12.15	"Review of computational research at Faculty of Civil Engineering of Warsaw University of Technology", Invited lecture, Prof. Lesław Kwasniewski, Warsaw University of Technology "Research on the behaviour of composite steel-concrete structures", Invited lecture, Prof. Marian Gizejowski, Warsaw University of Technology
12.15 – 13.00	Lunch in the campus café
13.00 – 14.00	Conceptual and structural design in education for structural engineers", Invited lecture, Prof. Mike Schlaich, Technical University of Berlin
14.10 – 14.15	Coffee break
14.15 – 17.15	Presentations by PhD students (2 nd part)
18.00 – 20.00	Venue: the restaurant Joanos Carinovos smuklė, Belmonto (Belmonto str. 17) Events: Spaghetti bridges and towers competition.
20:00	Dinner

21:00	Awarding ceremony followed by VGTU folk group music and dances
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30 March 2012 (Friday)

09:00	Pick-up from the hotel. A tour to Ignalina Nuclear Power Plant (over 100 km from Vilnius) (PhD students Adas Meškėnas and Ronaldas Jakubovskis)
13.30 – 14.30	Lunch (in Ignalina)
16.30 – 17.45	Free time in Vilnius