**THE FIRST BILATERAL SCIENTIFIC SEMINAR**

**FACULTY OF CIVIL ENGINEERING, ARCHITECTURE AND GEODESY**

**UNIVERSITY OF SPLIT**

**CROATIA**

**AND**

**INSTITUTE OF BUILDING ENGINEERING**

**FACULTY OF CIVIL ENGINEERING**

**WROCLAW UNIVERSITY OF TECHNOLOGY**

**POLAND**

SPLIT, CROATIA, September 2014

**FRAME PROGRAMME**

* PLACE: Faculty of Civil Engineering, Architecture and Geodesy, University of Split, Croatia
* Date: 20-24 September 2014
* 20 September 2014 (Saturday) – Arrival (very late evening)
* 21 September 2014 (Sunday)
  + 12:15 – 15 hrs

Initial Meeting between Staff of both participants represented by: Alen Harapin – Dean of Faculty of Civil Engineering, Architecture and Geodesy and his staff, University of Split and Jerzy Jasieńko - Director of Building Engineering Institute, Piotr Berkowski – v-ce Dean of Faculty of Civil Engineering, Andrzej Moczko, Bronisław Gosowski, Andrzej Kmita – v-ce Directors of Building Engineering Institute, Wroclaw University of Technology,

Subject: Detail Programme of Seminar, Coordination

* 22 September 2014 (Monday)
* 11:15 – 12:15 hrs

**Opening Ceremony**

Chairman: Alen Harapin, Jerzy Jasieńko

**Presentations:**

* A. Harapin, J. Jasieńko: Faculty of Civil Engineering, Architecture and Geodesy, University of Split – WELCOME, INTRODUCTION, PRESENTATION.
* P. Berkowski: “Faculty of Civil Engineering, Wroclaw University of Technology, Poland – Structure, Didactic Programmes, General Activities, Study in English”.
* A. Moczko: “Institute of Building Engineering, Faculty of Civil Engineering, Wroclaw University of Technology, Poland – Structure, Fields of Scientific Activities
* 12:15 – 13:00 hrs

Coffee Break, Lunch

* 13:00 – 16:00 hrs

**SCIENTIFIC PRESENTATIONS**

Chairman: Alen Harapin, Jerzy Jasieńko

1. Andrzej Ubysz, Mieczysław Kamiński, Andrzej Kmita: “Selected topics of research carried out at the Department of Concrete Structures”
2. Andrzej Moczko: “Advanced Non Destructive Testing techniques for evaluation on reinforced concrete strutures”
3. Piotr Berkowski: “Methodology of evaluation of technical condition of old industrial and apartment buildings”
4. Jerzy Jasieńko, Tomasz Nowak: “Selected methods of strengthening and conservation of timber structures”
5. Jerzy Jasieńko, Krzysztof Raszczuk: “Conservation and strengthening of historical, masonry domes on the circumferential direction”
6. Jerzy Jasieńko, Marcin Szyszka: “Numerical analysis of historical structures”
7. Henryk Nowak, Łukasz Nowak: “Completed research projects and the scope of scientific research in the area of building physics”
8. Maciej Kożuch: “Steel-concrete composite beams with continuous shear connectors – research, analysis, realizations”
9. Maciej Hildebrand: “Monitoring of bridges – Polish experience”
10. Mieszko Kużawa: “Knowledge-based expert systems in bridge engineering”
11. Dariusz Łydżba: “Evaluation of microstructure properties and measures using micro CT and nanoindentation techniques
12. Maciej Sobótka “Typology optimization of geotechnical structures using simulated annealing (SA)”

KEY REMARK:

Time dedicated to each presentation – 15 minutes

* 16:00 – 17:00 hrs

Discussion

* 23 September 2014 (Tuesday)

Chairman: Alen Harapin, Jerzy Jasieńko

* 10:15 – 13:00 hrs

**BILATERAL DISCUSSION**

Subjects:

* Specification of common prior fields of scientific interests,
* Possibility of creation of common scientific grants – topics, local and european funds,
* Possibility of common workshops, diploma projects, Ph.D dissertations,
* Exchange of students (study on regular base and study in English)
* Exchange of scientific lecturers, visiting professors programme,
* 13:00 - 13:30 hrs

**Closing Ceremony**

* 13:30 – 14:00 hrs

Coffee break, Lunch

* 14:00 – 15:30 hrs

**VISIT TO THE SCIENTIFIC GROUPS, LABORATORY AND LIBRARY**

* 24 September 2014 (Wednesday)

**DEPARTURE (early morning)**

LIST OF POLISH PARTICIPANTS OF SEMINAR (SPLIT, September 2014)

* REPRESENTING CONCRETE STRUCTURES

1. Prof. Mieczysław Kamiński
2. Prof. Andrzej Ubysz
3. Dr Andrzej Kmita

* REPRESENTING STEEL STRUCTURES

1. Dr Maciej Kożuch

* REPRESENTING GEOTECHNIC AND HYDROLOGY

1. Prof. Dariusz Łydżba
2. Maciej Sobótka

* REPRESENTING BASIC CIVIL ENGINEERING

1. Dr Andrzej Moczko

* REPRESENTING BUILDING PHYSIC

1. Prof. Henryk Nowak
2. Dr Piotr Berkowski
3. Dr Łukasz Nowak

* REPRESENTING BRIDGES STRUCTURES

1. Dr Maciej Hildebrand
2. Dr Mieszko Kużawa

* REPRESENTING BUILDING MATERIALS, TIMBER AND HISTORICAL STRUCTURES

1. Prof. Jerzy Jasieńko
2. Dr Tomasz Nowak
3. Krzysztof Raszczuk, MSc, PhD Student
4. Marcin Szyszka, MSc, PhD Student

* 17) Dr Marta Moczko, Faculty Erasmus Coordinator
* 18) Bus Driver

IMPORTANT INFORMATION

1. Contact person in Split

Prof. Alen Harapin

mobile: 00385 915 250 115

1. Address of the HOTEL

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