

9th SAMCO WORKSHOP

Research Agenda 2010 -2020 - 2030

Date: April 28th – 29th 2005

Hosting Organization: BAM Berlin, Federal Institute for Materials Research and Testing

Place: BAM Branch Office Fabekstraße, Unter den Eichen 44-46, 12203 Berlin, House 89.

THURSDAY 2005-04-28		
10:30	Introduction: 7th European Framework Programme and Europ. Construction Technological Platform (ECTP): Perspectives, Requirements	L. Pardi ¹ (Autostrade), H. Wenzel ² (VCE)
11:30	Contractor's Needs for Monitoring During Construction	C. Dumoulin ³ (Bouygues)
12:00	Lunch	
13:30	Vibration Control and Assessment of Ultra-Sensitive Facilities	J. Brownjohn ⁴ (PLYMOUTH)
14:00	Monitoring Safety and Security Conditions Of Infrastructure	A. Del Grosso ⁵ (DISEG)
14:30	Coffee Break	
15:00	Safety Engineering	J. Holnicki-Szulc ⁶ (IFTR)
15:30	Structural Health Monitoring today – Results from Collected Case Stories	R. Rohrmann ⁷ (BAM)
16:00	Berlin Sightseeing Tour (Bus tour)	
18:30	Visit of BAM BAM Berlin, Federal Institute for Materials Research and Testing 12200 Berlin, Germany, Unter den Eichen 44-46	
19:30	Dinner at BAM	

¹ Dr. Livia Pardi, Autostrade/SMS, Leader of Focus Group 'Networks'

² Dr. Helmut Wenzel, VCE Holding GmbH, Coordinator of SAMCO Network

³ Msc. (Eng) Claude Dumoulin, Bouygues Travaux Publics

⁴ Dr. James Brownjohn, School of Engineering, University of Plymouth

⁵ Prof. Andrea Del Grosso, Dep. of Structural and Geotechnical Engineering, University of Genoa

⁶ Prof. Jan Holnicki-Szulc, Institute of Fundamental Technological Research, Polish Academy of Sciences

⁷ Msc. (Eng.) Rolf Rohrmann, Federal Institute for Materials Research and Testing

FRIDAY, 2005-04-29		
09:00	Vibration Based Monitoring - A Useful Approach?	R. Flesch ⁸ , R. Geier ⁹ (arsenal research)
09:30	Large Scale Tests at JRC-ELSA Relevant to Monitoring and Control of Structural Vibrations	Vito Renda ¹⁰ (JRC)
10:00	Break	
10:30	Infrastructure Management-Risk Based Inspection, Monitoring and Assessment	P. Goltermann ¹¹ (RAMBOLL)
11:30	Advanced Sensor Data Processing for Structural Health Monitoring	M. Basseville ¹² (CNRS/IRISA)
12:00	Lunch	
13:30	Actual Research Work of Structural Engineering Research Laboratory	O. Huth (EMPA) ¹³
14:00	Monitoring and control of civil infrastructures, trends, challenges and tentative research directions to meet future European needs	J.-M. Caussinage ¹⁴ (LCPC)
14:30	Break	
15:00	Monitoring ancient heritage: an Italian National Project (PRIN 2004)	A. De Stefano ¹⁵ (POLITO)
15:30	Conclusions for ECTP & The future of SAMCO	H. Wenzel ² (VCE)
16:00	Finish of the SAMCO Workshop	

⁸ Prof. Rainer Flesch, Arsenal Research, Head of Business Unit Transport Routes Engineering

⁹ Dr. Roman Geier, Arsenal Research, Head of Business Unit Transport Routes Engineering

¹⁰ Dr. Vito Renda, Joint Research Centre-Ispira, Deputy Head of Unit, European Laboratory for Structural Assessment

¹¹ Dr. Per Goltermann, RAMBØLL

¹² Dr. Michelle Basseville, CNRS Research Director / French Nat. Inst. for Research in Computer Science and Control

¹³ Dr. Olaf Huth, Depart. of Structural Engineering, Swiss Federal Laboratories for Materials Testing and Research

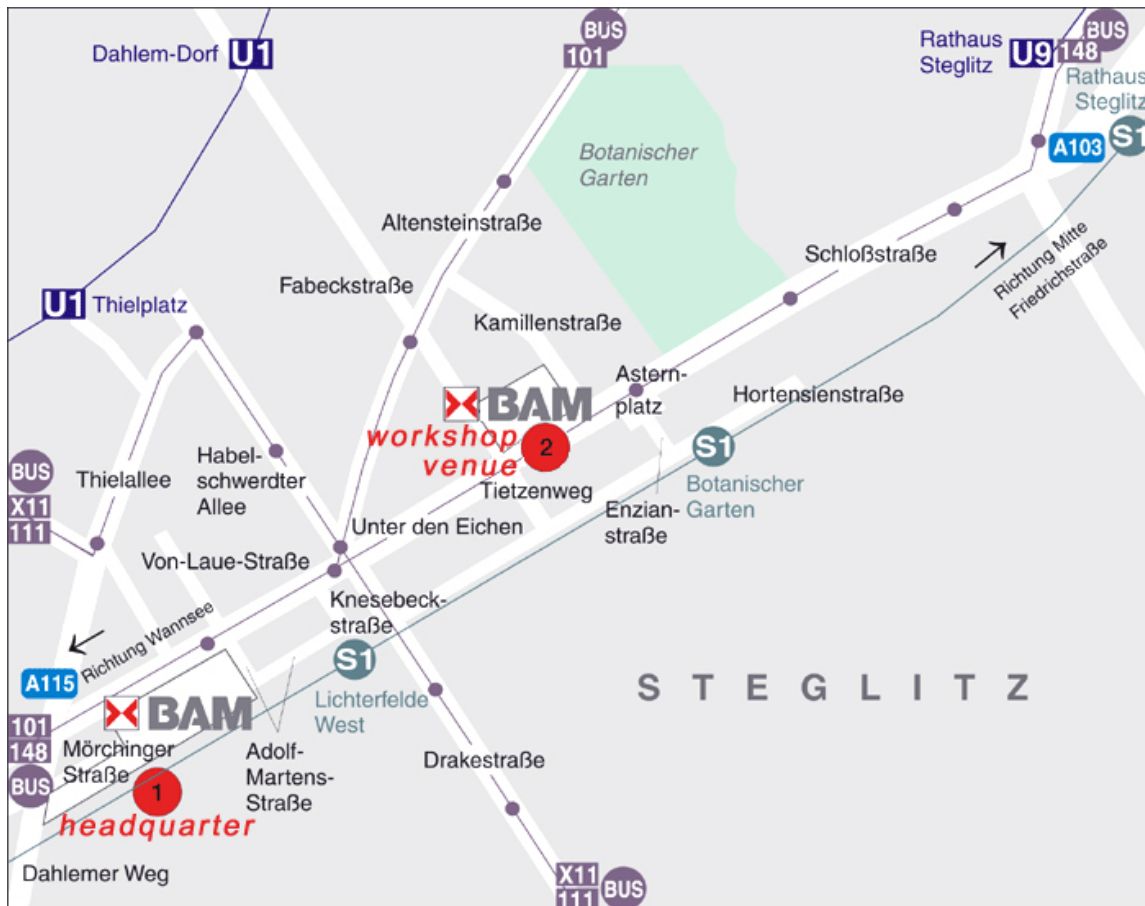
¹⁴ Dr. Jean-Marie Caussinage, Head of Division 'Service Métrologie et Instrumentation', Laboratoire Central des Ponts et Chaussées

¹⁵ Prof. Alessandro De Stefano, Structural and Geotechnical Engineering Depart., Politecnico di Torino

Location:

BAM
Branch Fabeckstraße
Unter den Eichen 44-46
12203 Berlin
House 89

attainable by
bus no. 148 stop 'Asterplatz' and interurban train (S-Bahn) S1-station 'Botanischer Garten'



Registration for the Workshop:

Registration is done through VCE Holding GmbH (Coordinator of the SAMCO Network).
Please register by filling in the registration form available at the website:
<http://www.samco.org/download/ws9reg.doc>
via Fax to (+43-1) 90 292 2123.

1. Open the form with the link above
2. Fill in the form on your PC
3. Print the form
4. Send it via Fax to (+43-1) 90 292 2123.