



GESELLSCHAFT DEUTSCHER CHEMIKER



Fachgruppe Bauchemie
Chemistry of Construction
Materials Division

1st International Conference on the Chemistry of Construction Materials

October 7–9, 2013
Berlin, Germany



www.gdch.de/bauchemie2013



▶ AIM OF THE CONFERENCE

The conference aims at providing an inspiring forum for scientists from university, research facilities and industry to present results, to discuss and to focus on the forthcoming challenges.

Interdisciplinary presentations in all fields of construction materials science will show the many different perspectives of the topic.

▶ SCIENTIFIC COMMITTEE

N. de Belie	Ghent/BE
J. Brouwers	Eindhoven/NL
R. Flatt	Zürich/CH
F. Götz-Neunhoeffler	Erlangen/DE
H. Motzet	Rosendahl/DE
A. Nonat	Dijon/FR
J. Pakusch	Ludwigshafen/DE
U. Peter	Nivelles/BE
H. Pöllmann	Halle (Saale)/DE
J. Provis	Sheffield/UK
N. Schröter	Frankfurt am Main/DE
J. Skibsted	Aarhus/DK
D. Stephan	Berlin/DE

Monday, October 7, 2013

14:00	WORKSHOP	Lecture Hall A
15:30	BASF – The chemical Company. Entry and Career Options BASF European Recruiting Booking required (limited number of participants)	
13:00	WORKSHOP	Lecture Hall B
16:30	Fly ash in construction materials: from power plant to cement and concrete PROGRAM: Fly ash formation, mineralogy and chemistry Michael Enders, ThyssenKrupp Resource Technologies GmbH Fly ash generation, properties and standardisation Hans-Joachim Feuerborn, VGB PowerTech e.V. Fly ash in the cement industry – global production and applications Stefan Dietz, Holcim Technology Ltd Use of fly ash in concrete and selected examples Joerg-Peter Wagner, Bilfinger Construction GmbH Price: € 50,- Booking required (limited number of participants)	
17:00	GENERAL ASSEMBLY of the Chemistry of Construction Materials division of the GDCh MITGLIEDERVERSAMMLUNG der Fachgruppe Bauchemie Tagesordnung: 1. Bericht des Fachgruppenvorsitzenden 2. Schwerpunktthema: Nachhaltige Baustoffe der Zukunft 3. Tagung Bauchemie 2014 4. Weitere Veranstaltungen 5. Publikationen der Fachgruppe 6. Verschiedenes	Lecture Hall A
19:30	Get-together (see Social Program)	

Tuesday, October 8, 2013

Lecture Hall A

- 9:00 **OPENING**
Hubert Motzet
- 9:10 **Welcome and organisational details**
Dietmar Stephan
- Sustainable Construction Materials**
Chair: H. Motzet
- 9:20 **Service life based assessment of the global warming potential of concrete with supplementary cementitious materials**
N. de Belie Ghent/BE
- 9:50 **Alkali-activated binders and concretes: Reactions, structure and durability leading to sustainable construction**
J. Provis, Sheffield/UK
- 10:20 **Development of Eco-concretes**
J. Brouwers, Eindhoven/NL
- 10:50 COFFEE BREAK AND POSTER SESSION

Sustainable Construction Materials*Chair: N. de Belle*

- 11:20 **Influence of raw material fineness on clinker produced from completely recyclable concrete**
M. De Schepper, Ghent/BE
- 11:40 **Physical-chemical upgrading and use of bio-energy fly ashes as building material in the concrete industry**
G. Doudart de la Grée, Eindhoven/NL
- 12:00 **Novel lightweight aggregates from masonry rubble**
K. Rübner, Berlin/DE
- 12:20 **Development of ultra-lightweight concrete: towards monolithic multifunctional concrete structure**
Q. L. Yu, Eindhoven/NL
- 12:40 **MgO as fluxing agent for a sustainable Portland clinker production**
J. Schoon, Ghent/BE
- 13:00 **Hydration of limestone slag composite cement**
M. Zajak, Leimen /DE
- 13:20 LUNCH BREAK

Tuesday, October 8, 2013

Lecture Hall B

- 9:00 Video transmission of Lecture Hall A

- 10:50 COFFEE BREAK AND POSTER SESSION

Hydration and Chemical Admixtures*Chair: J. Pakusch*

- 11:20 **New phases formed during the hydration of CAC under the influence of different organic additives**
H. Pöllmann, Halle (Saale)/DE
- 11:40 **Interactions between polycarboxylate ether superplasticizers and different polysaccharides and influences on the early hydration of cement**
W. Schmidt, Berlin /DE
- 12:00 **The effects of cellulose ethers on the interstitial fluid in cement mortars**
R. Baumann, Horgen/CH
- 12:20 **A kinetic and mechanistic investigation on the film formation of a carboxylated styrene-butadiene latex**
S. Baueregger, Garching/DE
- 12:40 **Controlled interaction in C-S-H/Polycation composites: Effect on mechanical properties**
F. Brunel, Dijon/FR
- 13:00 Oral poster presentations
- 13:20 LUNCH BREAK

PROGRAM

Tuesday, October 8, 2013

Lecture Hall A

Analytical and Mechanical Methods

Chair: A. Nonat

- 14:30 **In-situ SyXRD Analysis of cement hydration on the ms-scale**
M. C. Schlegel, Berlin/DE
- 14:50 **The C₃S dissolution**
L. Nicoleau, Trostberg/DE
- 15:10 **An NMR study of the hydration phases of sodium polyphosphate-modified calcium aluminate cement**
M. Chavda, Sheffield/UK
- 15:30 **Laser Induced Breakdown Spectroscopy (LIBS) – alternative to wet chemistry and micro-XRF**
G. Wilsch, Berlin /DE
- 15:50 **Spatial distribution of superplasticizer in cementitious mortar studied with FITC labeling**
C. Glotzbach, Kassel/DE
- 16:10 **Comparison of pore structures of hardened mortars based for various cementitious binders and curing conditions**
T. A. Bier, Freiberg/DE
- 16:30 COFFEE BREAK AND POSTER SESSION

PCE Superplasticizers and Cement Hydration

Chair: H. Motzet

- 17:00 **Chemical admixtures: From dark arts to molecular design**
R. Flatt, Zürich/CH
- 17:30 **Hans Kühn Award to Dr. Tsuyoshi Hirata**
In recognition of his scientific work in the field of synthesis and promotion of PCE based superplasticisers in construction chemistry
Laudatory speech: J. Plank
- 18:20 **Guided tour:**
Department of Civil Engineering, TU Berlin
- 20:00 **CONFERENCE DINNER**

PROGRAM

Tuesday, October 8, 2013

Lecture Hall B

Calcium Aluminate Cement Hydration

Chair: F. Götz-Neunhoffer

- 14:30 **Calculation of heat flow from QXRD data for the hydration of a synthetic calcium aluminate cement**
S. Klaus, Erlangen/DE
- 14:50 **Hydration study of a calcium aluminate cement blended with anhydrite**
G. Le Saout, Alès/FR
- 15:10 **Influence of calcium sulfate on the early hydration of a calcium aluminate cement**
C. Stabler, Erlangen/DE
- 15:30 **Impact of CAC mineralogy on hydration in ettringitic system**
H. Fryda, Vaulx Milieu/FR
- 15:50 **Phase and structure development in rapid setting mortars**
T. Westphal, Freiberg/DE
- 16:10 **Better durability of calcium aluminate cement regarding biocorrosion in sewernetworks**
J. Herisson, Champs-sur-Marne/FR
- 16:30 COFFEE BREAK AND POSTER SESSION
- 17:00 **Video transmission of Lecture Hall A**
- 18:20 **Guided tour:**
Department of Civil Engineering, TU Berlin
- 20:00 **CONFERENCE DINNER**

Wednesday, October 9, 2013

Lecture Hall A

Properties of Cement Pastes

Chair: D. Stephan

- 9:00 **Solute adsorption on cement hydrates from a statistical mechanics point view**
C. Labbez, Bourgogne/FR
- 9:30 **Thermodynamic modeling of Portland cement – Metakaolin – Limestone blends: Potential factors affecting the strength performance**
W. Kunther, Aarhus/DK
- 9:50 **Fresh cement pastes – A systematic study on their specific surface area**
S. Mantellato, Zürich/CH
- 10:10 **Direct visualization of water migration into composite specimens made of strain-hardening cement-based composite (SHCC) and cracked hydrophobized ordinary concrete by neutron radiography**
C. Schröfl, Dresden/DE
- 10:30 COFFEE BREAK AND POSTER SESSION

Low Energy Cements

Chair: J. Brouwers

- 11:00 **Hydration and volume stability of binders based on calcium sulfoaluminate cement – Portland cement – gypsum: influence of binder composition and filler type**
F. Winnefeld, Dübendorf/CH
- 11:20 **Assessment of the effect of belite content on the hydration mechanisms of calcium sulphoaluminate cements**
M. Ben Haha, Heidelberg/DE
- 11:40 **Effect of raw mix design and clinkering procedure on the formation and mineralogical composition of calcium sulphoaluminate clinker compositions**
F. Bullerjahn, Heidelberg/DE
- 12:00 **Oral poster presentations**
- 13:00 LUNCH BREAK

Wednesday, October 9, 2013

Lecture Hall B

9:00 Video transmission of Lecture Hall A

10:30 COFFEE BREAK AND POSTER SESSION

Surface Functionalization

Chair: U. Peter

- 11:00 **Early mechanisms at mortar surfaces: Skin formation and adhesion properties**
R. Zurbruggen, Sempach Station/CH
- 11:20 **Numerical simulation of the effectiveness of photocatalytic active concrete surfaces**
T. Flassak, Karlsruhe/DE
- 11:40 **Dense and durable tailor-made surfaces of UHPC**
A. Wetzel, Kassel/DE
- 12:00 **Investigation on the surface properties of carbon nanotubes**
A. Sobolkina, Dresden/DE
- 12:20 **Oral poster presentations**
- 13:00 LUNCH BREAK

Wednesday, October 9, 2013

Lecture Hall A

Nanostructured Construction Materials

Chair: H. Pöllmann

- 14:10 **Aluminum incorporated in Calcium Silicate Hydrate (C-S-H) phases studied by solid-state NMR spectroscopy**
J. Skibsted, Aarhus/DK
- 14:40 **Analysis of disorder in tricalcium silicate**
F. Bellmann, Weimar/DE
- 15:00 **Alite hydration – The first 24 hours**
J. Neubauer, Erlangen/DE
- 15:20 **Synthesis of CaCO₃-PCE-nano composites utilized for strength enhancement of Portland cement**
J. Plank, Garching/DE
- 15:40 COFFEE BREAK AND POSTER SESSION

Nanostructured Construction Materials

Chair: J. Skibsted

- 16:10 **Nucleation seeding in cementitious systems**
G. Land, Berlin/DE
- 16:30 **Effect of olivine nano-silica additions on the fresh and hardened behaviour of cement pastes and mortars**
G. Quercia, Eindhoven/NL
- 16:50 **Mechanical behaviour of the calcium silicate hydrates under shear strain: atomic scale view on creep**
H. Manzano, Leioa/ES
- 17:10 **C-S-H gel dissolution kinetics. Flow-through experiments**
A. Trapote-Barreira, Barcelona/ES
- 17:30 **Closure and Poster Award**

Wednesday, October 9, 2013

Lecture Hall B

14:10 Video transmission of Lecture Hall A

15:40 COFFEE BREAK AND POSTER SESSION

Alkali Activated Cement

Chair: J. Provis

- 16:10 **Alkali activated cements- sustainable cementitious materials**
E. Kavalerova, Kyiv/UA
- 16:30 **A sublattice thermodynamic model for C-(N)-A-S-H gel: Prediction of the solid phase assemblage in alkali-activated slag cements**
R. Myers, Sheffield/UK
- 16:50 **Dry-mix mortars based on slag alkaline cements**
R. Runova, Kyiv/UA
- 17:10 **Structural development of sodium carbonate activated slag binders**
S. Bernal, Sheffield/UK
- 17:30 **Video transmission of Lecture Hall A**

Adhesives, Sealants and Coating – Chemistry & Application

- PA01 **The study of some aspects of the impact on the stability of wood protection wood structures**
S.Guzii, Kyiv/UA
- PA02 **Nanoparticles in elastomeric roof coatings: Increased performance by non covalent cross linking**
D. Burgard, Saarbrücken/DE
- PA03 **Microfiller performance evaluation for concrete**
P. Gonnon, Oftringen/CH
- PA04 **Impact of the treatment with siliciumorganic compounds on hardened cement paste**
J. Suessmuth, Eggenstein-Leopoldshafen/DE

Analytical and Mechanical Methods

- PB01 **Hydration of synthetic Brownmillerite in an Portland cement near environment**
D. Ectors, Erlangen/DE
- PB02 **Influence of lithiumcarbonate and natriumpolyphosphate on CA_2 hydration**
A. Machner, Erlangen/DE
- PB03 **Near-surface concrete properties affected by form-work-concrete interaction – An experimental study**
S. H. Unterberger, Innsbruck/AT
- PB04 **Hydration of pure Ye'elimit (3 CA * CaSO₄) and in mix with anhydrite**
T. Hertel, Erlangen/DE
- PB05 **Thermodynamic study of phase assemblage in system CaO – Al₂O₃ – Fe₂O₃ – CaSO₄ – H₂O**
S. P. Sivkov, Moscow/RU
- PB06 **Effects of fly ash and quartz filler on hydration of synthetic alite**
J. Nehring, Erlangen/DE
- PB07 **Fluoride ions as structural probe ions in ¹⁹F MAS NMR Studies of thermally activated SCMs**
K. Enemark-Rasmussen, Aarhus/DK
- PB08 **A hygroscopic method to measure a sorption isotherm of porous construction materials**
A. Taher, Eindhoven/NL
- PB09 **Efficiency of non-standardized test methods for dry building admixtures**
R. Runova, Kyiv/UA

- PB10 **The effect of water on the carbonation of Portlandite from a quantum mechanical point of view**
A. Funk, Siegen/DE
- PB11 **Laser Induced Breakdown Spectroscopy (LIBS) for the quantitative determination of sodium and chlorine distribution in concrete**
G. Wilsch, Berlin/DE
- PB12 **The quantification of portlandite and C-S-H phase in a neat alite paste using thermogravimetry and XRD**
C. Breunig, Erlangen/DE
- PB13 **Use of emission test chambers for the determination of chemical emissions from construction materials**
M. Richter, Berlin/DE
- PB14 **Chemical and phase composition of fly ashes**
T. Westphal, Freiberg/DE
- PB15 **Influence of mixing energy on workability, hydration and microstructure of self compacting cementitious systems**
F. Krause, Freiberg/DE
- PB16 **Effect of steel fibres on the air content and microstructure of self-compacting fibre reinforced concrete (SCFRC)**
R. Yu, Eindhoven/NL

Chemical Admixtures – Innovation & Application

- PC01 **Effects of lithium salts on alite hydration**
C. Naber, Erlangen/DE
- PC02 **Effect of fly ash on the hydration kinetics of alite and C₃A**
M. Köhler, Erlangen/DE
- PC03 **Effect of cement aging on the performance of PCE superplasticizers and retarders**
M. Meier, Garching/DE
- PC04 **Alkaline earth glycolates and their application as cement additives**
R. Kaden, Halle (Saale)/DE
- PC05 **Fly ash based alkali activated cements: low heat evolution materials**
O. Kovalchuk, Kyiv/UA

- PC06 **Microstructure formation and adsorption mechanisms in polymer-modified mineral building materials investigated by electroacoustic and ESEM**
J. Salbach, Weimar/DE
- PC07 **Tailoring the properties of olivine nano-silica and its application in concrete**
A. Lazaro, Eindhoven/NL
- PC08 **Polymer-modified pervious concrete (Draining Concrete) for drainage of water and with sound absorbing properties (Silent Traffic)**
K. Sorger, Burghausen/DE
- PC09 **Influence of diol and diester content on the performance of MPEG-based superplasticizers**
M. Müller, Garching/DE
- PC10 **Synthesis, characterization of a vinyl ether based polycarboxylate possessing clay tolerance**
L. Lei, Garching/DE
- PC11 **The review and development for polycarboxylate superplasticizers in China**
R. Bian, Yizheng/CN
- PC12 **Application of PCE superplasticizer in FGD gypsum-based multi-component binder systems**
Y. Wang, Munich/DE
- PC14 **Gypsum products – Effect and chemism of setting retarders**
D. Freyer, Freiberg/DE
- PC15 **Effect of comb-type superplasticizer on ettringite morphology and its impact on the rheology of cement model system**
F. Dalas, Dijon/FR

Construction Materials and Health

- PD01 **Revitalisation of the Poseidon House in Frankfurt/Main – Development of a glass fibre modified high performance concrete for the facade redesign**
H. Funke, Chemnitz/DE
- PD02 **Alternatives for high solvent flooring adhesives**
R. Rühl, Frankfurt am Main/DE
- PD03 **Ranking of epoxy resin compounds based on their sensitising potency**
K. Kersting, Frankfurt am Main/DE

- PD04 **The antimicrobial activity of metallurgical slags and their potential for using as antimicrobially active agents for building materials**
J. Strigac, Ladce/SK

Dry-Mix Mortar Technologies

- PE01 **Crystallization of $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ in presence of polymer additives and their influence on properties of gypsum**
Y. V. Ustinova, Moscow/RU
- PE02 **Ultra fast setting – High early strength cement based on amorphous calcium aluminate and Portland cement**
L. Van Nes Blessing, Mijdrecht/NL
- PE03 **White and decorative cements based on slag alkali activated binders**
L. Ostrovska, Kyiv/UA

Mechanical Properties and Durability

- PF02 **Investigations on the resistance of alkali-activated ground granulated blastfurnaceslag to alkali-silica reaction**
R. Tänzler, Berlin/DE
- PF03 **Corrosion effects of slag attack on high alumina refractory castables**
F. Hüller, Erlangen/DE
- PF04 **Attack of groundwater on young concrete**
S. Schuler, Berlin/DE
- PF05 **Long term material testing in the sewer research facility Berlin (ODOCO II)**
R. Röben, Berlin/DE
- PF06 **Application of the conductivity sensor as a chloride detector in concrete**
P. Spiesz, Eindhoven/NL
- PF07 **Prediction of durability of plasticized concrete**
V. Troyan, Kyiv/UA
- PF09 **Long term stability of BaSO_4 – BFS composite cement system for encapsulation of sulphate bearing nuclear waste**
N. Mobasher, Sheffield/UK
- PF10 **Acid attack on concrete – Structure of the corroded surface layer**
T. Gutberlet, Munich/DE

Nanostructured Construction Materials

- PG01 **Use of a matakaolin as a substrate for growing of carbon nanofibers**
E. Potapova, Moscow/RU
- PG02 **Coating of silica fume with TiO₂ for application in photocatalytic building materials**
S. Kamaruddin, Berlin/DE
- PG03 **Coating of CNTs by SiO₂ and their influence on hydrating tricalcium silicate**
V. Butters, Siegen/DE
- PG04 **Development of a coating applied on wall covering for indoor air purification: Design, evaluation and nitric oxide degradation assessment**
S. Lorencik, Eindhoven/NL
- PG05 **Stability of CaAl-PCE-LDH organo- mineral phases against anions occurring in cement pore solution**
J. Plank, Garching/DE

Surface Functionalization – Macro & Micro

- PH02 **Photocatalytic building materials and their ability to degrade nitric oxide**
K. Amrhein, Berlin/DE
- PH03 **Investigation of the fracture pores in cement paste microstructure by SEM and image analysis**
S.G. Erzenjin, Isparta/TR
- PH04 **Use of antibacterial white cement on pool plastering applications**
T. Delibas, Mersin/TR
- PH05 **Application of model substrates in construction chemistry**
P. Thissen, Eggenstein-Leopoldshafen/DE

Sustainable Construction Materials

- PI01 **New incombustible expanding foam for mounting of cavity wall boxes**
V. Gettwert, Pfinztal/DE
- PI02 **Properties of lightweight aggregate produced from sand sludge**
S. Volland, Darmstadt/DE

- PI03 **Synthesis and properties of stereoregular heat-resistant lactic acid-based polymer**
H. Tanaka, Tokushima/JP
- PI04 **Investigations of the hydration behaviour of calcium silicates doped with aluminium and potassium at hydrothermal conditions on the SUL-X beamline at ANKA**
K. Pöhler, Halle (Saale)/DE
- PI05 **Structure and reactivity of a thermally activated smectitic clay by solid-state NMR**
N. Garg, Aarhus/DK
- PI06 **Aluminum incorporation in the C-S-H phase for white Portland cement – metakaolin blends studied by ²⁷Al and ²⁹Si MAS NMR Spectroscopy**
Z. Dai, Aarhus/DK
- PI07 **Influence of sand fines properties on the plasticizing effect of polycarboxylate based superplasticizers**
O. Smirnova, Saint Petersburg/RU
- PI08 **The effect of MSWI bottom ash on cement hydration**
P. Tang, Eindhoven/NL
- PI09 **Thermal activation of alpha-C₂SH**
T. Link, Weimar/DE
- PI10 **Development of eco autoclaved aerated concrete**
C. Straub, Eindhoven/NL
- PI11 **Strength of residual soil treated with palm kernel husk ash and cement**
U. N. Okonkwo, Umudike/NG
- PI12 **Effect of polyols on alkali-activated slag cements and mortars**
I. Rudenko, Kyiv/UA
- PI13 **Features of alkali-activated slag Portland cement**
O. Lastivka, Kyiv/UA
- PI14 **Interactions between superplasticizers and cements with several main constituents**
J. Herrmann, Düsseldorf/DE
- PI15 **Manufacturing of C₂S used by calcium hydroxide that industrially generated raw material and its CO₂ emission**
M. Shoji, Niigata-Ken Itoigawa-Shi/JP
- PI16 **The effect of chloride and sulfate on completely recyclable concrete**
E. Arvaniti, Ghent/BE

- PI17 **Effects of pH on the polycondensation of aluminosilicate hydrates in alkaline and calcium-containing media**
S. Seiffarth, Weimar/DE
- PI18 **Recycling of waste concrete using the electro-dynamical fragmentation**
S. Seifert, Valley/DE
- PI19 **Modified tenside foams for foam concrete applications**
M. Schauerte, Siegen/DE
- PI20 **Properties and application of paper sludge fly ash in mortar recipes**
M. Florea, Eindhoven/NL
- PI21 **High insulating perlite filled clay bricks as contribution for sustainable habitation**
J. Geduhn, Zeilarn/DE
- PI22 **FT-IR and ²⁹Si-NMR for screening reactivity of aluminium-silicate precursors for geopolymers**
S. Valcke, Delft/NL
- PI23 **Optimisation of Bayer and flyash geopolymers for aggregate manufacture**
E. Jamieson, Perth/AU

Monday, October 7, 2013

19:30 hrs

Get-together

Weihenstephaner am Hackeschen Markt
 Neue Promenade 5
 10178 Berlin

Snack and drinks included
(booking required)



© Weihenstephaner am Hackeschen Markt

Tuesday, October 8, 2013

20.00 hrs

Conference Dinner

Peter-Behrens Hall at the conference venue

Buffet and drinks included
(booking required)



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INFORMATION FOR AUTHORS

For your presentation we provide a PC and a data beamer.

POSTER

Last-Minute-Posters can still be submitted online until
September 15th, 2013

www.gdch.de/bauchemie2013

The poster session will take place in the Peter-Behrens Hall
 The best posters will be awarded.

Poster format: Portrait A0 (height: 118,9 cm, width: 84,1 cm)

► **VENUE**

Technische Universität Berlin

Department of Civil Engineering
 Building Materials and Construction Chemistry
 Gustav-Meyer-Allee 25
 13355 Berlin – Germany

www.baustoffe.tu-berlin.de

► **TRAVEL INFORMATION**

By Car

From Hannover/Leipzig: A100 exit “Seestraße”
 From Hamburg: A111 exit „Kurt-Schuhmacher-Platz“
 From Dresden/PL/CZ: A113/A100 exit “Tempelhof”, B96 exit
 “Chausseestraße”

Please use the parking areas along the Gustav-Meyer-Allee
 (free of charge)

By Plane

Tegel Airport (TXL): Bus TXL to S-Beusselstraße – S41 to
 S+U Gesundbrunnen – S1,S2 or S25 to Humboldthain

Schönefeld Airport (SXF): Local Train to S+U Alexanderplatz –
 U8 to Voltastraße or S-Bahn to Humboldthain (S1,S2,S25) via
 Ostkreuz and Gesundbrunnen or via Bornholmer Straße

By Train

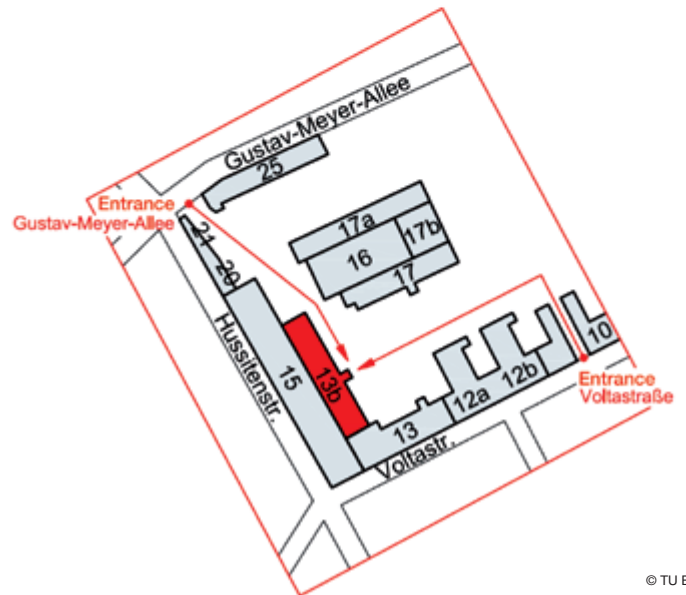
Berlin Hbf (S5, S7, S75) to Friedrichstraße (S1,S2, S25) to Hum-
 boldthain

The „Deutsche Bahn“ offers attractive conditions for travelling to
 GDCh-events. Further information can be found on following link
www.gdch.de/bahn

► **PUBLIC TRANSPORTATION**

Humboldthain (S1, S2, S25) – 5 min walk
 Voltastraße (U8) – 5 min walk

A ticket for the public transportation (four ways) can be purcha-
 sed with the conference registration. The price is € 8,80 for four
 ways. You will receive the ticket with the conference material upon
 check-in.



REGISTRATION

Please register online before than **September 2, 2013**.

www.gdch.de/bauchemie2013

GESELLSCHAFT DEUTSCHER CHEMIKER e.V.

Congress Team / Bauchemie 2013

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D-60444 Frankfurt am Main

Phone: +49 69 7917-366

E-mail: tg@gdch.de

Internet: www.gdch.de

All tickets and congress papers (incl. book of abstracts) will be handed to the participants upon check-in at the registration desk. Participants are requested to wear their congress badges at all times for identification and admittance to the conference rooms.

Upon online registration, payment by credit card, direct debit or bank transfer (free of bank commission) is possible. You will receive the invoice by regular mail.

GESELLSCHAFT DEUTSCHER CHEMIKER e.V.

Konto Nr. 4 900 200 00

Commerzbank AG, Frankfurt am Main

BLZ 500 800 00

Code 5200 13 / ICCCM 2013

Attention:

Participants from EU countries except Germany please use the IBAN (International Bank Account Number) and SWIFT-BIC (Bank Identifier Code) instead of the bank and account number:

Gesellschaft Deutscher Chemiker e.V.

Commerzbank AG Frankfurt am Main

IBAN DE85 5008 0000 0490 0200 00

SWIFT-BIC DRES DE FF

Code 5200 13 / ICCCM 2013

REGISTRATION FEES^{*)}

GDCh-member and member of EuCheMS-member societies	€ 230,-
Member, unemployed or retired	€ 115,-
Non-member	€ 280,-
Student ** (GDCh-member and member of EuCheMS-member societies)	€ 50,-
Student** Non-member	€ 60,-

*) The registration fees are not liable to value added tax (tax exemption additional § 4 Nr. 22a UStG.)

***) valid student card required

If fees are paid in advance, but after **September 23, 2013**, we kindly ask participants to show proof of payment when claiming their tickets and congress papers at the registration desk. Credit cards (Amex, Mastercard, Visa) will be accepted.

CANCELLATION

Requests for cancellation made prior to **September 9, 2013** will be subject to a € 25,- administration fee. After that date the full amount of the invoice has to be paid. Requests for refund will not be accepted; however, registration may be transferred to another member of your organisation. In this case please send a note to GDCh, congress team.

If the meeting is cancelled for whatever reason, fees paid will be refunded. Further recourse is excluded.

SCHOLARSHIPS

The Chemistry of Construction Materials Division awards a limited number of scholarships to PhD students and other research fellows who are member of the division. An active contribution (oral presentation or poster) to the conference is required.

Applications have to be submitted until **September 1, 2013** to Mrs. Ulrike Bechler (u.bechler@gdch.de).

More information is available here: www.gdch.de/bauchemie

▶ BEVERAGES

Coffee, tea and softs will be provided for free during the breaks.

▶ LUNCH

Lunch and coffee breaks are included and will be served in the Peter-Behrens Hall.

▶ ACCOMMODATION

The Berlin Convention Office will gladly assist in booking accommodation in all categories. Please apply not later than **September 9, 2013**, by using the keyword "ICCCM".

Berlin Convention Office
Am Karlsbad 11
10785 Berlin
Phone: +49 30 25 00 25
E-mail: congress@visitberlin.de
Internet: www.visitberlin.de

A few rooms are available in the
Citylight Hotel
Böttgerstr. 23
13357 Berlin
Phone: +49 30 346670-90
E-mail: info@citylight-hotel.de

Single room € 67,-/night
Double room € 92,-/night
including breakfast and VAT and Wlan

Please book directly at the hotel by using the keyword
"Construction Chemistry" until **June 24, 2013**.

The customers will be held accountable for non-occupancy of reserved rooms.



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INFORMATION BEFORE AND AFTER THE MEETING

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INFORMATION AND REGISTRATION DURING THE CONFERENCE

The conference office will be located in the foyer of the TIB-13b building.

Opening hours:

Tuesday, October 8, 2013	8:00 – 17:00
Wednesday, October 9, 2013	8:00 – 17:00

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▶ DEADLINES

June 24, 2013	Room reservation at the Citylight Hotel
September 2, 2013	Personal registration
September 9, 2013	Cancellation of participation
September 9, 2013	Room reservation via Berlin Convention Office
September 15, 2013	Submission of Last-Minute-Posters

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