



Reclaimed Mining Sites between Post-Remedial Care and Reuse

August 31st to September 3rd, 2015
in Bad Schlema

ORGANISATION

Symposium address

WISSYM_2015, August 31st – September 3rd 2015
Kulturhaus Aktivist
Bergstraße 22
08301 Bad Schlema, Germany

Registration

August 31st, 2015

08:00 – 13:00 Kulturhaus Aktivist, Bad Schlema

16:00 – 19:00 Kurhotel, Bad Schlema

September 1st, 2015

07:30 – 09:00 Kurhotel, Bad Schlema

16:00 – 18:00 Kurhotel, Bad Schlema

September 2nd, 2015

07:30 – 18:00 Kulturhaus Aktivist, Bad Schlema

September 3rd, 2015

07:30 – 18:00 Kulturhaus Aktivist, Bad Schlema

E-mail: wissym_2015@wismut.de

Phone: +49 171 3087166

Programme Committee

Dr.-Ing. Stefan Mann,
CEO of Wismut GmbH

Organising Committee

Dr. Michael Paul/
Thomas Hennicke

Phone: +49 371 8120-108
Fax: +49 371 8120-107
E-mail: wissym_2015@wismut.de

Shuttle Service

Shuttle Service will be provided between hotels
and the venue (see page 22).

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FOREWORD

Saxony is the cradle of sustainability. 300 years ago, anxious to preserve the economic base of the then Electorate of Saxony – namely mining and forestry – for the future, the Saxon mining administrator Hans Carl von Carlowitz was the first to coin the term of sustainability. Since then, the concept of sustainability has evolved well beyond its initial scope and nowadays stands as a synonym for responsible course of action, forward-looking innovations, value-based action, and thinking for the long-term.

Inspired by the idea of sustainable development, the international mining symposium WISSYM_2015 will highlight the remediation of abandoned mining sites in the field of tension between post-remedial care and reuse. The remediation of former mining areas is aimed at their rehabilitation and revitalisation while preventing new impacts on the environment. On the other hand, their reuse is oftentimes hampered by the existence of narrow limits set on the use of reclaimed sites.

WISSYM_2015 is held under the auspices of the Federal Minister for Economic Affairs and Energy, Herr Sigmar Gabriel, and in cooperation with the International Atomic Energy Agency (IAEA). The symposium is designed for mine operators and mine reclamation companies, scientists and officials from agencies and administrations to discuss prospects and problems in matters of post-remedial care and reuse of former mining sites and to continue the exchange of expertise and knowledge among experts from Germany and abroad.

The venue Bad Schlema in Saxony provides the opportunity to have first-hand experience of the remediation performance achieved. For the first time, the symposium will be preceded by a thematic day devoted to „Wismut“. Tour proposals focus on six key subjects and will allow you to get acquainted on the spot with the quality of life regained by residents in the surroundings. Remediation achievements are visible anywhere: business parks, agricultural and silvicultural areas, natural reserves and residential areas are proof of successful and sustained remediation. These hands-on excursions provide a basis for the sharing of experience during the subsequent two days.

We are looking forward to seeing you in Bad Schlema.
Glückauf!



Dr.-Ing. Stefan Mann

Wismut GmbH Management



Hardi Messing

VENUE BAD SCHLEMA

Bad Schlema is located in the western part of the Ore Mountains in a tributary valley of the Zwickauer Mulde river, about 35 kilometres southwest of Chemnitz. The town stands as an example of the fate that struck many sites of uranium ore mining in Saxony and Thuringia: Once advertised as „the world’s strongest radium spa“, this community became the starting point of a sprawling mining operation which on the one hand developed the largest uranium deposit in Saxony and was associated with the destruction of entire urban areas on the other.

Remedial operations conducted by Wismut GmbH opened up new vistas for the town and its transformation from the „valley of death“ to its rebirth as a spa town in the heart of a rehabilitated mine landscape.

The Kulturhaus Aktivist in Bad Schlema is regarded as the heritage site of uranium ore mining in Saxony and Thuringia and puts itself forward as a perfect venue. On top of that, it is also the site of the Uranium Mining Museum which welcomes participants during the entire duration of the symposium.



Kulturhaus Aktivist, Bad Schlema

08:00 – **Attendee registration** at registration desk
13:00

09:00 – **Technical Meeting of the Uranium
Mining and Remediation Exchange
Group (UMREG)**



Wismut and the International Atomic Energy Agency are pleased to announce that the 2015 IAEA UMREG meeting will be held in association with WISSYM 2015 at Bad Schlema.

UMREG was originally established some 20 years ago to facilitate better outcomes from remediation projects and pass on the experience to current and new uranium mining projects. It serves as a networking forum with opportunities for the transfer of knowledge and experience from the senior members of the industry to the newly developing producers and their staff responsible for the development of uranium resources

This year the 2-day technical meeting will consist of a day of plenary talks at the same venue as WISSYM 2015, on Monday August 31st, 2015, and a joint day within the WISSYM Day Trips on Tuesday September 1st.

According to IAEA protocols official invitations to attend and speak will be sent to relevant Member States shortly. Registration via the IAEA is a requirement for intended speakers and is strongly encouraged for all attenders; however, the plenary meeting will be open to any WISSYM delegates who are at Bad Schlema for that Monday as observers, without charge.

The workshop will be held in English.

Expressions of interest or questions can be sent to the Scientific Secretary, Dr Peter Woods, p.woods@iaea.org, who can advise on the formalities.

Kurhotel, Bad Schlema

16:00 – **Attendee registration** at registration desk
19:00

18:00 **Get together**

Technical Tours

Please use our online form for registration:
www.wismut.de/wissym.

The number of participants per excursion is limited (max. 20).
Food and refreshments will be served throughout the day trips.

Shuttle-Service from/to the hotels will be provided.

08:30/ **Departure**

09:00

- A New Approaches – Water Management and Water Treatment
- B New Methods – Environmental Monitoring of Water, Air, Soil
- C New Prospects – Innovative Reuses
- D New Habitats – Protection of Species in reclaimed Mine Land
- E New Mining Rush – Mining Projects to reuse former Wismut sites
- F New Status – Dresden-Gittersee following successful Reclamation

17:00 **Arrival back, Bad Schlema**

19:00 **BBQ, Hotel „Am Kurhaus“ in Bad Schlema**

DAY TRIP A

NEW APPROACHES – WATER MANAGEMENT AND WATER TREATMENT

Head of excursion: Dr. Michael Paul, Wismut GmbH

08:30	Departure Bad Schlema from Hotel „Am Kurhaus“ or Kurhotel, respectively
09:00 – 10:15	WTP Schlema-Alberoda , Tour of the plant and of the disposal cell for immobilised water treatment residues on mine dump #371
11:00 – 12:30	WBA Helmsdorf <ul style="list-style-type: none">• Tour of the plant and comments on the plant's status in conjunction with ongoing tailings stabilisation and reclamation efforts at the Helmsdorf tailings management area• Information on current planning and research
14:00 – 15:00	Ronneburg Site, Gessen valley: Mine flooding strategy and seepage collection
15:00 – 16:00	WTP Ronneburg , Tour of the plant and of the disposal site for immobilised water treatment residues
17:00	Arrival back in Bad Schlema at Hotel „Am Kurhaus“ or Kurhotel, respectively



DAY TRIP B

NEW METHODS – ENVIRONMENTAL MONITORING OF WATER, AIR, SOIL

Head of excursion: Dr. Peter Schmidt and Elke Kreyßig, Wismut GmbH

-
- 09:00 **Departure Bad Schlema** from Hotel „Am Kurhaus“ or Kurhotel, respectively
-
- 09:15 – 10:00 **Mine Shaft #371:** Introduction to Environmental Monitoring and the technical data bases of Wismut GmbH
-
- 10:00 – 13:00 **Bad Schlema spa park:** groundwater sampling amidst the spa park
Schneeberg: Attendance at sampling of radioactively contaminated exhaust air from the Schneeberg mine
Mine Dump #38neu and Mine Dump #366:
- Demonstration of field measurements to document the efficiency of mine dump capping
 - Demonstration of lysimeter investigations
-
- 14:00 – 16:00 **Back to Mine Shaft #371 we come full circle ...**
- Follow the groundwater sample on its way through the laboratory
 - Presentation of environmental data quality assurance exemplified by analysis of the groundwater sample
 - Presentation/Tour of the Wismut Data and Information Center (DIZ)
-
- 17:00 **Arrival back in Bad Schlema** at Hotel „Am Kurhaus“ or Kurhotel, respectively
-



DAY TRIP C

NEW PROSPECTS – INNOVATIVE REUSES

Head of excursion: Ulf Barnekow, Wismut GmbH and
Jens Müller, Mayor of Bad Schlema

08:30 Meeting point at Hotel „Am Kurhaus“ in Bad Schlema

08:30 – 13:00 Stroll through Bad Schlema

- Mine dump #65, Marktpassage shopping arcade and setting
 - Spa park, Hammerberg mine dump, mine dump #38neu/208
 - Borbach valley
-

13:00 – 16:45 The trip continues by bus

- Mine dump #371 and engineered disposal cell
 - Mine dump #366
 - Friedrich Schiller school: geothermal energy generation
-

17:00 Arrival back in Bad Schlema at Hotel „Am Kurhaus“ or Kurhotel, respectively



DAY TRIP D

NEW HABITATS – PROTECTION OF SPECIES IN RECLAIMED MINE LAND

Head of excursion: Mirko Köhler, Wismut GmbH and
Dr. Hartmut Sänger, BIOS

09:00 **Departure Bad Schlema** from Hotel „Am Kurhaus“ or
Kurhotel, respectively

10:00 – 14:30 **Ronneburg:**

- Footprint of Drosen Mine Dump – Grazing concept using wild horses
 - “Rückersdorf Experience of Nature” Project – Landscape and Nature Conservancy
 - Mound dumped on top of the backfilled former Lichtenberg open pit – Reclamation of an area larger than 200 ha
 - Footprint of Gessen Mine Dump – terrestrial biotopes and aquatic habitats
-

15:00 – 16:15 **Helmsdorf near Zwickau:**

Substitute waterbodies for avifauna – Establishment of a substitute habitat for endangered bird species prior to starting reclamation of the nearby Dänkritz 2 tailings management area

17:00 **Arrival back in Bad Schlema** at Hotel „Am Kurhaus“ or
Kurhotel, respectively



DAY TRIP E

NEW MINING RUSH – MINING PROJECTS TO REUSE FORMER WISMUT SITES

Head of excursion: Axel Hiller, Wismut GmbH

-
- 09:00 **Departure Bad Schlema** from Hotel „Am Kurhaus“ or Kurhotel, respectively
-
- 10:00 – 12:45 **Pöhl:** Guided geological tour of the Zinnkammern exhibition mine and miners snack break to satisfy a hearty appetite
-
- 14:00 – 16:15 **Niederschlag:** Erzgebirgische Fluss- und Schwerspatwerke GmbH [fluorspar and barytes mine], Tour of the plant area and visit to the fluorspar mine
-
- 17:00 **Arrival back in Bad Schlema** at Hotel „Am Kurhaus“ or Kurhotel, respectively
-



DAY TRIP F

NEW STATUS – FREITAL-GITTERSEE FOLLOWING SUCCESSFUL RECLAMATION

Head of excursion: Carsten Wedekind, Wismut GmbH

-
- 09:00 **Departure Bad Schlema** from Hotel „Am Kurhaus“ or Kurhotel, respectively
-
- 10:00 – 17:00 **Field trip to Dresden-Gittersee**
- Bus trip to Freital-Gittersee
 - Reclamation of mine dumps and plant areas around former mine shafts #1 and #2
 - Tour of the WISMUT-Stolln adit
 - Visit to the Segen-Gottes Miners Memorial
 - Marienschacht Mine Dump overlooking Dresden
-
- 17:00 **Arrival back in Bad Schlema** at Hotel „Am Kurhaus“ or Kurhotel, respectively
-



WISSYM_2015: Kulturhaus Aktivist Bad Schlema

from

07:30 **Attendee registration** at registration desk

Opening of the Symposium

08:30 by Dr. Wolfgang Meißner

Chairman of the Wismut GmbH Supervisory Board

Welcoming Addresses

- State Minister Martin Dulig, Saxon State Ministry for Economic Affairs, Labour and Transport
- Jens Müller, Mayor of Bad Schlema
- Peter Woods, International Atomic Energy Agency

Keynote Addresses

- Uwe Beckmeyer, Parliamentarian State Secretary to the Federal Minister of Economic Affairs and Energy
Public acceptance in the context of planning and implementation of large-scale projects
- Dr. Stefan Mann, CEO of Wismut GmbH
The Wismut remediation project – billion dollar legacy and/or unique chance for regional and trans-regional development?

09:30 Keynote Presentation

Peter Woods & Horst Monken-Fernandes (IAEA, Vienna/Austria): International principles regarding land reuse of former uranium production centres – an IAEA view

10:00 Keynote Presentation

Russel Edge (Department of Energy, Denver/USA) et al.: Assessment of Defense-Related Uranium Mines in the United States and Challenges Related to Developing a National Uranium Mine Inventory

10:30 Break

Session 2: Keynote

Session Chair: H. Kießling (TLBA)

11:00 W. Spieth (Freshfield Bruckhaus Deringer, Berlin): Responsibilities of the mining sector for decommissioning and after-care – challenges in meeting new requirements according to mining and water laws

11:30 K. Flesch (Saxon State Office for Environment, Agriculture and Geology) Long-term tasks in remediating uranium mining lega-

cies with due regard to potential modifications in radiation protection legislation

- 12:00 Ch. Wolkersdorfer (Tshwane University, Pretoria/RSA) et al.: Intelligent Mine Water Treatment – Recent international developments
- 12:30 Lunch Break

Session 3: Post-mining water management I

Session Chair: Th. Himmelsbach (BGR Hannover)

- 13:45 K.-M. Riese (TLVA, Weimar): General aspects and requirements for the long term water management at remediated mine sites
- 14:10 M. Paul (Wismut GmbH) et al.: Key challenges of the long term water management at the Saxon-Thuringian Wismut legacy sites
- 14:35 F.-C. Benthous, O. Totsche, S. Radigk (LMBV, Senftenberg): Groundwater rebound at lignite mining areas and concepts to mitigate adverse environmental impacts
- 15:00 R. Schöpke, V. Preuß (BTU Cottbus): Hydrochemical methods for the investigation of AMD generation and their use to optimize remediation and after care measures
- 15:25 Break

Session 4: Mine flooding and post-mining water management II

Session Chair: Ch. Wolkersdorfer (Pretoria/RSA)

- 15:50 W. Klemm, M. Paul, U. Jenk, J. Meyer, A. Greif, J. Hartmann (TU BA Freiberg, Wismut GmbH and BRDM Elterlein): Long term evolution of mine waters in flooded mines of the Saxon Ore Mountains region – Results and lessons learned
- 16:15 M. Eckart, Ch. Klinger (DMT Essen): Experiences from the development of modelling concepts for mine flooding approaches at the German Hard Coal Mining Industry and for international cases
- 16:40 Ch. Melchers, W. Coldewey, P. Goerke-Mallet, D. Wesche, L. Henkel (TFH Georg Agricola Bochum, Westfälische Wilhelms-Universität Münster): Density stratification in mine water bodies and its contribution in optimizing long term water management regimes
- 17:05 H.-J. Friedrich (Fraunhofer-IKTS Dresden): Mine water treatment using membrane electrolysis

- 19:00 **Conference Dinner, Goldne Sonne Schneeberg**

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Session 5: International case studies uranium mining

Session Chair: R. Edge (DoE, Denver/USA)

- 08:30 P. Waggitt (Department of Mines and Energy, Darwin NT/Australia): The long term management of the South Alligator remediation site
- 08:55 J. Eberfalvi, G. Nemeth, A. Varhegyi (PURAM, Paks/Hungary): Challenges of the after-care activities on the uranium mining and ore-processing legacy site in Hungary
- 09:20 P. Crochon, Ch. Andres (AREVA, Paris/France): After Mining in France – recent national Authorities actions on the management of ancient Uranium mines
- 09:55 J. Trojacek, P. Vostarek, J. Muzak (DIAMO, Straz p.r./Czech Republic): Challenges and chances in the context of after-use and after care of uranium production centres in the Czech Republic
- 10:20 Break

Session 6: Socio-economic aspects and knowledge management

Session Chair: P. Waggitt (DME, Darwin NT/Australia)

- 10:50 P. Booth (Hylton Environmental, Manchester/UK): The importance of record keeping and knowledge management
- 11:15 E. Falck (CEARC, Guyancourt/France): Social Licensing and Long-Term Stewardship of Uranium Mining Legacies
- 11:40 D. Barr, A. Gil (Department of Energy, Denver/USA): A Regulatory Framework for Long Term Care of Legacy Sites: Managing Disposal Sites and the Protection of Human Health and the Environment
- 12:05 P. Schmidt, A. Hiller, E. Kreyßig, J. Regner (Wismut GmbH): Wismut's approach to post-remedial monitoring and record keeping
- 12:30 Lunch Break and Poster discussion

Session 7: Innovative reuse concepts

Session Chair: M. Goedecke (GKZ Freiberg)

- 13:45 A. Niemann, S. Hager, J.-P. Lux (Universität Duisburg-Essen, RAG Herne and DMT Essen): Perspectives in mine after use for energy storage – underground pumped-storage power plants in the Ruhr District
- 14:10 U. Röder (SIB Zwickau): Geothermal use of Mine waters in the Zwickau coal mining district

- 14:35 M. Martin, P. Büttner, B. Daus, C. Jahns (GEOS Freiberg, HZR Freiberg, UFZ Leipzig, and SAXONIA mbH Freiberg): Remediation, recycling or research object – Possible concepts for the after use of the Davidschacht spoil heap at Freiberg, Germany
- 15:00 N. Hoth, C. Wendler, A. Kassahun, M. Ussath, C. Drebenstedt (TU BA Freiberg and Wismut GmbH): : Recycling of rare and strategic elements from mine waters – Boundary conditions and challenges
- 15:25 Break

Session 8: Final

Session Chair: H. Mischo (TU BA Freiberg)

- 15:50 Ch. Melchers, P. Goerke-Mallet (TFH Georg Agricola, Bochum): Competence centre „Nachbergbau“ at the TFH Georg Agricola Bochum – Strategy, measures and research topics
- 16:15 M. Goedecke (GKZ Freiberg): Wismut legacy and saxon natural resources strategy – a success-story not yet complete
- 16:40 Summary and Conclusion of WISSYM_2015
- ca. End of Symposium
- 17:15

POSTER CONTRIBUTIONS

D. Baacke, S. Snagowski (Wismut GmbH): Entwicklung der Grundwasserbeschaffenheit im Flutungsraum des Grubengebäudes Ronneburg

U. Barnekow, M. Roscher, R. Sieland, M. Köhler (Wismut GmbH): After-care monitoring on the covered mine waste dump Beerwalde – Lessons learned

D. Burghardt, E. Simon, F. Kurzius, E. Janneck, G. Schöne, J. Meyer (TU Dresden, GEOS Freiberg, Wismut GmbH): Testung neuer Schwertmannit-Adsorbentien zur Arsen-Entfernung aus Grubenwasser der ehemaligen Uranerzgrube Pöhla

A. Greif, E. Kreyßig, S. Eulenberger, P. Schmidt (Wismut GmbH): Operation of large-scale monitoring systems from remediation to post-remedial surveillance

M. Hache, U. Jenk (GFI Dresden, Wismut GmbH): Untersuchung geochemischer Langzeitprozesse bei der weiteren Flutung der Grube Königstein

M. Hoyer, A. Kassahun, R. Haseneder, J.-U. Repke (TU BA Freiberg, Wismut GmbH): Nanofiltration of TMF seepage water from former uranium milling sites

U. Jenk, M. Frenzel, R. Uebe, U. Terra (Wismut GmbH): Sanierung der ehemaligen Urangrube Königstein – Flutung Teilbereich I, Einstau 140 m NN

H. G. Jung, J. Heiduk (NUKEM Technologies, Alzenau): Minimierung der Umweltfolgen von Aufbereitungsrückständen der aktiven und stillgelegten Urangewinnung durch die Entfernung von Radium und anderen gefährlichen Stoffen

A. Kassahun, N. Hoth, M. Paul (Wismut GmbH, TU BA Freiberg): Ion exchange for uranium removal from carbonate rich TMF seepage water

A. Kassahun, U. Jenk, M. Paul (Wismut GmbH): In-Situ remediation of abandoned ore mines using biomineralization

H. Klemenčič, I. Gantar, J. Rojc (RZV Gorenja Vas/Slowenien): Long-term Stewardship and Monitoring of the Boršt Mill Tailings Site, Žirovski Vrh Uranium Mine, Slovenia

POSTER CONTRIBUTIONS

E. Kreyßig, J. Goetze, K. Schroeder, M. Haase (Wismut GmbH, WISUTEC GmbH): AL.VIS/W – The Wismut technical information system: Efficient tool – today and in the future

T. Metschies, M. Haupt, U. Barnekow (Wismut GmbH): Long-term water management for tailings storage facilities nearby Seelingstädt (Thuringia)

M. Paul, S. Jahn (Wismut GmbH): The Ronneburg Waste rock relocation Project – Preliminary results of the Performance Monitoring Period

J. Regner, P. Schmidt (Wismut GmbH): Radon Release Measurements in the Frame of Long-Term Surveillance of Remediated Uranium Mining Waste Rock Dumps

R. Rudolph (Wismut GmbH): Videoinspektion von Grundwassermessstellen, bergmännischen Hohlräumen und Bohrlöchern sowie geophysikalische Bohrlochmessungen in der Wismut GmbH

A. Schramm, R. Löser (Wismut GmbH, GEOS): Results of long term investigations to water balance aspects of covered waste rock dumps at the Schlema-Alberoda site

C. Schramm, K. Geringswald, N. Leißring, W. Löbner (Wismut GmbH and GEOPRAX GmbH): Beherrschung der Radonfreisetzung aus tagesnahen Grubenbauen in Häusern am Altbergbaustandort Schneeberg

C. Wendler, N. Hoth, A. Kassahun (TU BA Freiberg, Wismut GmbH): Hydrogeochemische Modellierung von Reaktionsprozessen in einer CO₂-Strippkolonne einer Wasserbehandlungsanlage der Wismut

C. Wendler, N. Hoth, A. Kassahun (TU BA Freiberg, Wismut GmbH): Beschreibung der Uranspeziation in Bergbauwässern der Wismut mit Hilfe von hydrogeochemischer Modellierung

D. Wenske, G. Knab, A. Rost, B. Pfützner, C. Uhlig (IHU Nordhausen, Büro für angewandte Hydrologie Berlin und LMBV Leipzig): Entwicklung einer Modellkopplung zwischen dem Grundwasserströmungsmodell MODFLOW und dem Bodenwasserhaushaltsmodell ArcEGMO zur Modellierung des Wasserhaushalts in Bergbaufolgegebieten

ACCOMPANYING PROGRAMM/SOCIAL EVENTS

August 31st – September 3rd, 2015, 09:00 – 17:00

Free visit of the Uranium Mining Museum,
Bad Schlema, during the entire symposium

Monday, August 31st, 2015, 18:00 – 20:00

Get-together

Kurhotel „Bad Schlema“,
Markus-Semmler-Str. 73,
08301 Bad Schlema,
Phone: +49 3771 215000

Tuesday, September 1st, 2015, 19:00 – 22:30

BBQ

Hotel „Am Kurhaus“,
Richard-Friedrich-Straße 16,
08301 Bad Schlema,
Phone: +49 3772 37170

Wednesday, September 2nd, 2015, 19:30 – 23:00

Conference Dinner

Kulturzentrum Goldne Sonne,
Fürstenplatz 5,
08289 Schneeberg
Telefon: +49 3772 370911

FURTHER INFORMATION

Conference languages

German and English. Simultaneous interpretation will be provided.

Registration fees

(July 31st, 2015 – Registration deadline)

Receipt of payment	after February 28, 2015
Standard	220 € ²
Concessions ¹	140 € ²
Speakers (one author per paper)	no charge

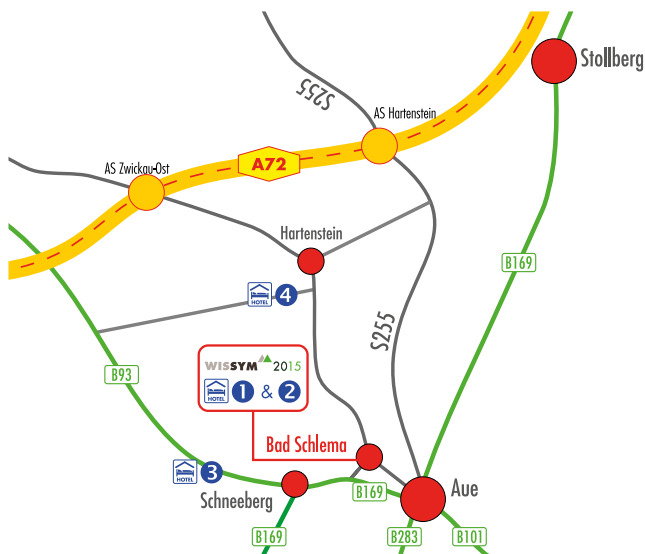
¹ Employees of public authorities and administrations, students

² incl. VAT; the package also includes admissions to thematic day, field trip, paper presentations, lunches, conference break catering, proceedings, and evening functions

Bank Connection

Please remit the registration fee while stating your contact details to the following account of Wismut GmbH at Deutsche Bank AG:

BIC DEUTDE8C
IBAN DE69 8707 0000 0128 1740 00
Reason for payment: wissym2015



Shuttle Service will be provided from/to hotels

- 1 Hotel „Am Kurhaus“ ****, Richard-Friedrich-Straße 16,
08301 Bad Schlema, Phone +49 3772 37170,
E-mail: info@am-kurhaus.com
- 2 Kurhotel „Bad Schlema“, Markus-Semmler-Str. 73,
08301 Bad Schlema, Phone +49 3771 215000,
E-mail: info@kurhotel-bad-schlema.de
- 3 Berghotel Steiger ***, Oberer Krankenhausweg 2a,
08289 Schneeberg, Phone +49 3772 39490,
E-mail: info@berghotel-steiger.de
- 4 Gästehaus Wolfsbrunn ****, Stein 8,
08118 Hartenstein, Phone +49 37605 760,
E-mail: info@gaestehaus-wolfsbrunn.de

Please quote „WISSYM2015“ when making reservations.
Rooms are limited, so please book early.

Venue

Kulturhaus „Aktivist“
Bergstraße 22
08301 Bad Schlema, Germany

In co-operation with



IAEA

International Atomic Energy Agency

Under the auspices of

Federal Minister for Economic Affairs and Energy, Sigmar Gabriel,
Federal Ministry for Economic Affairs and Energy

Partner

Local Government Bad Schlema

Kurgesellschaft Schlema mbH

Organiser:
Wismut GmbH
Jagdschänkenstraße 29
09117 Chemnitz
www.wismut.de



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