

SCHEDULE

(may be subject to on-site changes)

Sunday, November 4th

19:00 Welcome-Bufferet in the Restaurant of the Tagungshotel

Monday, November 5th

09:15 Registration
Upload of Presentations

10:00 Welcome & Introduction
G. Friedrich and P. Brunner

SESSION I

Chair: Gerd Friedrich

10:15 **Measuring cognitive function in the human brain with EEG**
Markus Kiefer

10:45 Discussion

11:00 **Sleep - Definition, sleep stages, disorders and methods of investigation**
Thomas Penzel

11:30 Discussion

11:45 Lunch

SESSION II

Chair: Gyorgy Thuroczy

13:00 **General public exposure around mobile phone base stations**
Christian Bornkessel

13:20 Discussion

13:30 **Personal exposure from commonly used wireless short range communications equipment**
Gernot Schmid

13:50 Discussion

14:00 **Exposure aspects of new and evolving wireless systems - spectrum of power variations**
Jørgen Bach Andersen

14:20 Discussion

14:30 Coffee Break

15:00 **Analysis of RF exposure of children and adults head tissues**
Joe Wiart

15:20 Discussion

15:30 **Interaction of RF Fields with Recording Electrodes: Potential Sources of Artifact**
Kenneth R. Foster

15:50 Discussion

16:00 **Radio-frequency electromagnetic fields: effects on brain physiology**
Peter Achermann

16:20 Discussion

16:30 Coffee Break

SESSION III

Chair: Lena Hillert

17:00 Effects of EMF on brain electric oscillations and cognitive processes

Christina Krause

17:20 Discussion

17:30 Effect of Modulated 450 MHz microwave on human EEG rhythms and cognitive processes

Hiie Hinrikus

17:50 Discussion

18:00 Does the experimental outcome of human provocation studies depend on the design specifics of the exposure setup?

Niels Kuster

18:20 Discussion

19:30 Social event
(Dinner in Stuttgart)

Tuesday, November 6th

SESSION IV

Chair: Kenneth Foster

09:00 The human brain under mobile phones exposure: effects on neurophysiological, cognitive and behavioural functioning

Giuseppe Curcio

09:20 Discussion

09:30 Exposure to mobile phones - studies on nervous system in humans

René de Seze

09:50 Discussion

10:00 Discussion: The 'direct' influence on the brain - what tells us the EEG-Studies?

Chair: Kenneth Foster

10:40 Coffee Break

SESSION V

Chair: Lena Hillert

11:10 EMF, Cognition, Brain: Experiences from studies on adults and children since 1999

Heikki Hämäläinen

11:30 Discussion

11:40 Sleep disturbances near mobile phone base stations

Norbert Leitgeb

12:00 Discussion

12:10 No influence of 1970 MHz UMTS-like exposure on selected parameters of human visual perception and attention

Cornelia Sauter

12:30 Discussion

12:40 Lunch

SESSION VI

Chair: Roland Glaser

14:00 Human provocation studies in mobile phone use

Yoshikazu Ugawa

14:20 Discussion

14:30 Effects of electromagnetic fields emitted by communication systems on human cognition

John Tattersall

14:50 Discussion

15:00 Summary and update of the Australian Centre for Radiofrequency Bioeffects Research (ACRBR) human neurophysiology research

Sarah P. Loughran

15:20 Discussion

15:30 Coffee Break

16:00 The effects of 884 MHz GSM wireless communication signals on alertness, performance, sleep, subjective symptoms and physiological reaction; an experimental provocation study.

Clairy Wiholm, Arne Lowden

16:40 Discussion

17:00 Mobile phone 'talk mode' signal slows down sleep onset

Ching-Sui Hung

17:20 Discussion

18:30 Social event

Wednesday, November 7th

SESSION VII

Chair: Joe Elder

09:00 Human sleep under the influence of a GSM 1800 electromagnetic far field

Hermann Hinrichs

09:20 Discussion

09:30 Laboratory study: studies of the effects of exposure to electromagnetic fields emitted from mobile phones on volunteers

Heidi Danker-Hopfe

09:50 Discussion



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- 10:00 Advantages and limitations of EMF studies conducted in the everyday environment**
Martin Rössli
- 10:20 Discussion**
- 10:30 Coffee Break**
- 11:00 Health risk assessment in workers occupational exposed to radiofrequency electromagnetic fields**
Dana Dabala
- 11:20 Discussion**
- 11:30 Field study: Investigation of sleep quality in persons living near a mobile base station - experimental study on the evaluation of possible psychological and physiological effects under residential conditions**
Hans Dorn
- 11:50 Discussion**
- 12:00 Electroencephalographic, personality and executive function measures associated with frequent mobile phone use**
Martijn Arns
- 12:20 Discussion**
- 12:30 Lunch**
- 13:30 Evidence base for concerns stated by physicians in public appeals on mobile phone technology**
Anja zur Nieden
- 13:50 Discussion**
- 14:00 Discussion: Sleep, cognition and behaviour - what's the impact of RF-fields?**
Chair: Jürgen Kiefer
- 14:30 Coffee Break**
- 15:00 General discussion/ Consensus statement**
Chair: Jürgen Kiefer
- 16:00 End of meeting**
- Rapporteur of the Meeting:
Sheila Johnston*



VENUE & ACCOMODATION:

Deutsche Telekom AG
Tagungshotel Stuttgart
Universitätsstraße 34
70569 Stuttgart
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Arrival in Stuttgart by Car

From all directions:

- From the Stuttgarter Kreuz (interchange) take the A831 in the direction of Stuttgart / Vaihingen and the B14 in the direction of Stuttgart Zentrum as far as the “Universitat” exit
- Note: Please comply with the speed limits on the freeway as speed cameras are in operation before the “Universitat” exit
- Turn left at the first set of lights, then take the second street on the right directly to the Tagunshotel
- There is a short stay parking lot in front of the hotel

Arrival in Stuttgart by Train

From Stuttgart Hauptbahnhof (main station)

- Take the S-Bahn (city train) from platform 101, Line S1 (in direction of Boblingen) OR S2 (in the direction of Oberaichen / Flughafen) OR S3 (in the direction of Vaihingen-Flughafen) as far as the “Universitat” station
- Travel time from Stuttgart main station to “Universitat” station is 10 mins
- Leave the station via the “Universitätszentrum” exit
- The Tagungshotel is 2 minutes walk away, following the signs
- Note when buying your train ticket please give the S-Bahn station “Universitat” in Stuttgart-Vaihingen as your final destination. Your ticket will then include travel on the S-Bahn.

Arrival in Stuttgart by Air

From international airport

- Take the S-Bahn S2 train (in the direction of Schorndorf) OR the S3 (in the direction of Backnang) to the “Universitat” station
- Travel time from the airport to “Universitat” station is 17 mins
- Leave the station via the “Universitätszentrum” exit
- The Tagungshotel is 2 minutes walk away, following the signs

In case of need please contact the following persons:

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**STATE MINISTRY OF ENVIRONMENT,
BADEN-WÜRTTEMBERG**