



# INTERNATIONAL EMF PROJECT

## Workshop on Sensitivity of Children to EMF

Location: **Crowne Plaza Istanbul, Turkey**  
Meeting Room: **AVSA**

Wednesday 9 June & Thursday 10 June 2004

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## DRAFT AGENDA

Wednesday 9 June

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### MORNING SESSION

CHAIR: A. Peralta

**08.00 Opening of Meeting**

EMF: A potential environmental risk for children?

*M. Repacholi*

**08.30 Tutorial**

- The sensitivity of developing organisms to the exposure of environmental toxicants
- Childhood development of CNS
- Aetiology of childhood leukaemia

*R. Brent*  
*J. Scholes*  
*T. Lightfoot*

**10.30 Coffee Break**

**11.00 Panel Session:** Children sensitivity to EMF: Is it plausible?

*Moderator: C. McCaig*

**12.00 Lunch**

### AFTERNOON SESSION

CHAIR: G. Mezei

**13.00 Dosimetry/ Dielectric Properties**

- Age related variation of the dielectric properties of biological tissue
- Modelling of ELF exposure in children
- Modelling of RF exposure in children

*C. Gabriel*  
*P. Chadwick*  
*J. Wiart / J Schuderer*

**14.30 Exposure**

- Patterns of exposure of children to ELF and RF
- Mobile phone exposures in children

*J. Swanson*  
*J. Schüz*

**15.30 Coffee Break**

**16.00 Epidemiological Studies: Childhood Cancer**

- Childhood leukemia and EMF
- Central nervous system tumours in children: epidemiology and risk factors

*L. Kheifets*  
*P. McKinney*

**17.00 Non-cancer EMF effects related to children**

*M. Feychting*

**17.30 Discussion**

**18.00 Close of meeting**

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**Thursday 10 June**

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**MORNING SESSION**

**CHAIR: G. Friedrich**

**8.00 Hypotheses and Possible Mechanisms**

- Contact current hypothesis: Summary of results to date *R. Kavet*
- Do magnetic fields cause increased risk of childhood leukaemia via melatonin disruption? *D. Henshaw*
- RF interaction mechanisms *L. Challis*

**9.30 Laboratory Studies for ELF and RF**

- Immune system, hemapoetic system, cancer *I. Lagroye*

**10.00 Coffee Break**

**10.30 Laboratory Studies for ELF and RF (cont'd)**

- Developmental effects *J. Juutilainen*
- Neurobehavioural effects *Z. Sienkiewicz*

**11.30 Reports from other workshops**

- Weak ELF electric fields and thermal workshops - summary: development effects *R. Saunders*
- COST 281 short term mission on 'Mobile communication and children' *C. Olivier*
- 5<sup>th</sup> COST 281 workshop on 'Mobile telecommunications and the brain' *G. Friedrich*

**12.30 Lunch**

**AFTERNOON SESSION**

**CHAIR: P. Ravazzani**

**13.30 Discussion** (short contributions from the floor)

**14.30 Policy Development**

- Science, policy and children's health: where are we going? *M. Martuzzi*
- Developing EMF policy for children *H. Walker*
- The approach of ICNIRP to protection of children *P. Vecchia*

**16:00 Coffee Break**

**16.30 Panel session**

*Moderator: M. Repacholi*

- The WHO Precautionary Framework
- Conclusions and recommendations

**17.30 Close of meeting**

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