## FINAL PROGRAM – 2004 Joint Workshop on Mobile Telephony and Health FCC Headquarters, 445 12<sup>th</sup> Street, S.W., Washington, DC

Note: all presentations in English

Day 1: Monday, 28 June (research, dosimetry, standards, education)

(Participants plus invited observers)

	nvitea observers)	
TIME	PRESENTATION	
8:45 AM - 9:00 AM		
	Julius Knapp, Deputy Chief, FCC Office of Engineering and Technology	
	Robert Cleveland, FCC Office of Engineering and Technology	
Session Chair: R. Cleveland		
9:00 AM – 9:25AM	B. Veyret (EU): WHO Research Priorities	
9:25 AM – 9:50AM	B. Veyret (EU): Open and closed questions regarding mobile telephony and health	
9:50 AM-10:15AM	G. Friedrich (EU): European research on mobile telecommunications EMF bioeffects	
10:15AM-10:40AM	N. Leitgeb (EU): New technologies and implications for EMF research	
10:40 AM-11:10AM	BREAK	
11:10AM-11:35 AM	J. Elder (USA): Update on biological research	
11:35AM-12:00 PM	H. Cyr and Abiy Desta (FDA/USA): Update on US FDA CRADA and NTP projects	
12:00 PM-12:25PM	S. Ueno (Japan): Ongoing research projects in Japan	
12:25 PM -1:15 PM	LUNCH (catered at meeting)	
Session Chair: H. Cyr		
1:15 PM- 1:40 PM	T. Shirai (Japan): Research on effects of RF on CNS tumors	
1:40 PM - 2:05 PM	C. Ohkubo (Japan): Research on effects of RF on blood brain barrier	
2:05 PM – 2:30 PM	Jae-Seon Lee (Korea): Effects of mobile phone radiation on cell proliferation, apoptosis	
	and stress response	
2:30 – 2:55 PM	Mina Ha (Korea): Update on epidemiology	
2:55 PM-3:25 PM	BREAK	
3:25 PM - 3:50 PM	K. Mild (EU): Overview of European research on subjective symptoms and mobile	
	telephony	
3:50 PM- 4:15 PM	J. Lin (USA): Scientific considerations for development of human exposure standards	
	for wireless radiation	
4:15 PM – 4:40 PM	J. Bushberg (USA): Educating building owners and managers about wireless	
1.101111	telecommunications safety	
4:40 PM – 5:30 PM	R. Cleveland - General Discussion and Preview of Day 2	
3.301111	16. Cleveland General Discussion and Fleview of Day 2	
6:30 PM	DINNER hosted by the CTIA Wireless Foundation (delegations only)	
0.50 1 171	Distributed by the CIRI whereas I dundation (delegations only)	

## <u>Day 2</u>: Tuesday, 29 June (standards, national policies, public education)

(Participants only plus government staff)

8:45 AM – 9:15 AM R. Cleveland – (1) Discussion of future workshop activities (2) Introduction of program and topics for presentations for Day 2  Session Chair: C.K. Chou 9:15 AM – 9:40 AM J. Wiart (EU): Overview of national standards in Europe.  9:40 AM – 10:05 AM K. Tanaka (Japan): RF exposure guidelines and policy in Japan.  10:05 AM – 10:30 AM Jeong-Ki Pack (Korea): EMF standards, policies, and risk communication in Korea  10:30 AM – 11:00 AM BREAK  Session Chair: J. Elder 11:00 AM – 11:25 AM R. Cleveland (USA): FCC RF exposure guidelines and policies in USA  11:25 AM-11:50 AM C.K. Chou (USA): Update on revision of IEEE/ICES RF exposure standard  11:50 AM – 12:45 PM LUNCH (catered at meeting)  12:45 PM – 1:45 PM J. Lin – PANEL DISCUSSION I Implementing national standards and policies for RF exposure  1:45 PM – 2:45 PM R. Cleveland - Further discussion, summary and concluding remarks  3:30 PM ADJOURN	TIME	PRESENTATION	
Calcability   C.K. Chou	8:45 AM – 9:15 AM	R. Cleveland –	
Session Chair: C.K. Chou  9:15 AM – 9:40 AM  J. Wiart (EU): Overview of national standards in Europe.  9:40 AM – 10:05 AM  K. Tanaka (Japan): RF exposure guidelines and policy in Japan.  10:05 AM – 10:30 AM  Jeong-Ki Pack (Korea): EMF standards, policies, and risk communication in Korea  10:30 AM – 11:00 AM  BREAK  Session Chair: J. Elder  11:00 AM – 11:25 AM  R. Cleveland (USA): FCC RF exposure guidelines and policies in USA  11:25 AM-11:50 AM  C.K. Chou (USA): Update on revision of IEEE/ICES RF exposure standard  11:50 AM – 12:45 PM  LUNCH (catered at meeting)  12:45 PM – 1:45 PM  J. Lin – PANEL DISCUSSION I Implementing national standards and policies for RF exposure  1:45 PM – 2:45 PM  J. Bushberg - PANEL DISCUSSION II Public outreach and education about RF safety  2:45 PM – 3:30 PM  R. Cleveland - Further discussion, summary and concluding remarks		(1) Discussion of future workshop activities	
9:15 AM – 9:40 AM  J. Wiart (EU): Overview of national standards in Europe.  9:40 AM – 10:05 AM  K.Tanaka (Japan): RF exposure guidelines and policy in Japan.  10:05 AM – 10:30 AM  Jeong-Ki Pack (Korea): EMF standards, policies, and risk communication in Korea  10:30 AM – 11:00 AM  BREAK  Session Chair: J. Elder  11:00 AM – 11:25 AM  R. Cleveland (USA): FCC RF exposure guidelines and policies in USA  11:25 AM-11:50 AM  C.K. Chou (USA): Update on revision of IEEE/ICES RF exposure standard  11:50 AM – 12:45 PM  LUNCH (catered at meeting)  J. Lin – PANEL DISCUSSION I Implementing national standards and policies for RF exposure  1:45 PM – 2:45 PM  J. Bushberg – PANEL DISCUSSION II Public outreach and education about RF safety  R. Cleveland - Further discussion, summary and concluding remarks		(2) Introduction of program and topics for presentations for Day 2	
9:15 AM – 9:40 AM  J. Wiart (EU): Overview of national standards in Europe.  9:40 AM – 10:05 AM  K.Tanaka (Japan): RF exposure guidelines and policy in Japan.  10:05 AM – 10:30 AM  Jeong-Ki Pack (Korea): EMF standards, policies, and risk communication in Korea  10:30 AM – 11:00 AM  BREAK  Session Chair: J. Elder  11:00 AM – 11:25 AM  R. Cleveland (USA): FCC RF exposure guidelines and policies in USA  11:25 AM-11:50 AM  C.K. Chou (USA): Update on revision of IEEE/ICES RF exposure standard  11:50 AM – 12:45 PM  LUNCH (catered at meeting)  J. Lin – PANEL DISCUSSION I Implementing national standards and policies for RF exposure  1:45 PM – 2:45 PM  J. Bushberg – PANEL DISCUSSION II Public outreach and education about RF safety  R. Cleveland - Further discussion, summary and concluding remarks			
9:40 AM – 10:05 AM  K. Tanaka (Japan): RF exposure guidelines and policy in Japan.  10:05 AM – 10:30 AM  Jeong-Ki Pack (Korea): EMF standards, policies, and risk communication in Korea  10:30 AM – 11:00 AM  BREAK  Session Chair: J. Elder  11:00 AM – 11:25 AM  R. Cleveland (USA): FCC RF exposure guidelines and policies in USA  11:25 AM-11:50 AM  C.K. Chou (USA): Update on revision of IEEE/ICES RF exposure standard  11:50 AM – 12:45 PM  LUNCH (catered at meeting)  12:45 PM – 1:45 PM  J. Lin – PANEL DISCUSSION I Implementing national standards and policies for RF exposure  1:45 PM – 2:45 PM  R. Cleveland - Further discussion, summary and concluding remarks			
10:05 AM – 10:30 AM Jeong-Ki Pack (Korea): EMF standards, policies, and risk communication in Korea  10:30 AM – 11:00 AM BREAK  Session Chair: J. Elder  11:00 AM – 11:25 AM R. Cleveland (USA): FCC RF exposure guidelines and policies in USA  11:25 AM-11:50 AM C.K. Chou (USA): Update on revision of IEEE/ICES RF exposure standard  11:50 AM – 12:45 PM LUNCH (catered at meeting)  12:45 PM – 1:45 PM J. Lin – PANEL DISCUSSION I Implementing national standards and policies for RF exposure  1:45 PM – 2:45 PM J. Bushberg - PANEL DISCUSSION II Public outreach and education about RF safety  2:45 PM – 3:30 PM R. Cleveland - Further discussion, summary and concluding remarks	9:15 AM – 9:40 AM	J. Wiart (EU): Overview of national standards in Europe.	
10:30 AM – 11:00 AM BREAK  Session Chair: J. Elder  11:00 AM – 11:25 AM R. Cleveland (USA): FCC RF exposure guidelines and policies in USA  11:25 AM-11:50 AM C.K. Chou (USA): Update on revision of IEEE/ICES RF exposure standard  11:50 AM – 12:45 PM LUNCH (catered at meeting)  12:45 PM – 1:45 PM J. Lin – PANEL DISCUSSION I Implementing national standards and policies for RF exposure  1:45 PM – 2:45 PM J. Bushberg - PANEL DISCUSSION II Public outreach and education about RF safety  2:45 PM – 3:30 PM R. Cleveland - Further discussion, summary and concluding remarks	9:40 AM – 10:05 AM	K.Tanaka (Japan): RF exposure guidelines and policy in Japan.	
Session Chair: J. Elder  11:00 AM – 11:25 AM R. Cleveland (USA): FCC RF exposure guidelines and policies in USA  11:25 AM-11:50 AM C.K. Chou (USA): Update on revision of IEEE/ICES RF exposure standard  11:50 AM – 12:45 PM LUNCH (catered at meeting)  12:45 PM – 1:45 PM J. Lin – PANEL DISCUSSION I Implementing national standards and policies for RF exposure  1:45 PM – 2:45 PM J. Bushberg - PANEL DISCUSSION II Public outreach and education about RF safety  2:45 PM – 3:30 PM R. Cleveland - Further discussion, summary and concluding remarks	10:05 AM -10:30 AM	Jeong-Ki Pack (Korea): EMF standards, policies, and risk communication in Korea	
11:00 AM – 11:25 AM R. Cleveland (USA): FCC RF exposure guidelines and policies in USA  11:25 AM-11:50 AM C.K. Chou (USA): Update on revision of IEEE/ICES RF exposure standard  11:50 AM – 12:45 PM LUNCH (catered at meeting)  12:45 PM – 1:45 PM J. Lin – PANEL DISCUSSION I Implementing national standards and policies for RF exposure  1:45 PM – 2:45 PM J. Bushberg - PANEL DISCUSSION II Public outreach and education about RF safety  2:45 PM – 3:30 PM R. Cleveland - Further discussion, summary and concluding remarks	10:30 AM – 11:00 AM	BREAK	
11:25 AM-11:50 AM C.K. Chou (USA): Update on revision of IEEE/ICES RF exposure standard  11:50 AM – 12:45 PM LUNCH (catered at meeting)  12:45 PM – 1:45 PM J. Lin – PANEL DISCUSSION I Implementing national standards and policies for RF exposure  1:45 PM – 2:45 PM J. Bushberg - PANEL DISCUSSION II Public outreach and education about RF safety  2:45 PM – 3:30 PM R. Cleveland - Further discussion, summary and concluding remarks	Session Chair: J. Elder		
11:50 AM – 12:45 PM  LUNCH (catered at meeting)  J. Lin – PANEL DISCUSSION I Implementing national standards and policies for RF exposure  1:45 PM – 2:45 PM  J. Bushberg - PANEL DISCUSSION II Public outreach and education about RF safety  2:45 PM – 3:30 PM  R. Cleveland - Further discussion, summary and concluding remarks	11:00 AM – 11:25 AM	R. Cleveland (USA): FCC RF exposure guidelines and policies in USA	
12:45 PM – 1:45 PM  J. Lin – PANEL DISCUSSION I Implementing national standards and policies for RF exposure  1:45 PM – 2:45 PM  J. Bushberg - PANEL DISCUSSION II Public outreach and education about RF safety  2:45 PM – 3:30 PM  R. Cleveland - Further discussion, summary and concluding remarks	11:25 AM-11:50 AM	C.K. Chou (USA): Update on revision of IEEE/ICES RF exposure standard	
Implementing national standards and policies for RF exposure  1:45 PM – 2:45 PM  J. Bushberg - PANEL DISCUSSION II Public outreach and education about RF safety  2:45 PM – 3:30 PM  R. Cleveland - Further discussion, summary and concluding remarks	11:50 AM – 12:45 PM	LUNCH (catered at meeting)	
Implementing national standards and policies for RF exposure  1:45 PM – 2:45 PM  J. Bushberg - PANEL DISCUSSION II Public outreach and education about RF safety  2:45 PM – 3:30 PM  R. Cleveland - Further discussion, summary and concluding remarks	12:45 PM – 1:45 PM	J. Lin – PANEL DISCUSSION I	
Public outreach and education about RF safety  2:45 PM – 3:30 PM  R. Cleveland - Further discussion, summary and concluding remarks		Implementing national standards and policies for RF exposure	
Public outreach and education about RF safety  2:45 PM – 3:30 PM  R. Cleveland - Further discussion, summary and concluding remarks	1:45 PM – 2:45 PM	J. Bushberg - PANEL DISCUSSION II	
3:30 PM ADJOURN	2:45 PM – 3:30 PM	R. Cleveland - Further discussion, summary and concluding remarks	
	3:30 PM	ADJOURN	