SDR Forum Meeting Agenda Singapore April 2005
(as of 3 March)

		2				
Monday 18 April	09h00 15h30	**Paul Kolodzy** **Cognitive Radio – Technology and Application Tutorial** The onset of advanced signal processing and sensing technologies has created new possibilities for radios: the capability to automatically sense and adapt to the environment. These new capabilities are providing new opportunities and challenges for the designs and applications. Applications such as dynamic spectrum access, adaptive interference mitigation, enhanced HMI can provide major improvements to the efficiency and utility of radios. Design can take advantage of advance signal processing techniques as well as machine learning techniques to provide both deterministic and non-deterministic knowledge formation of the environment. This tutorial will start with the definition of cognitive radios, the enabling technologies, and a snapshot of applications that are being pursued.				
	15h45 17h30	**Michael Whittaker—Future Pace** **Harmonising Spectrum Access** - Since 1997, software defined and cognitive radios have been able to be authorised to operate under Australian spectrum licences which, instead of using equipment standards to manage change of use, function through the provision of either internal or external guard space . The UK and Europe are now also considering how to introduce spectrum liberalisation and assuming the political will exists and there is a positive move to accommodate all equipment standards in any band and in any country, the underlying science of a "unique benchmark of modern spectrum management" is transferable to the UK and Europe irrespective of administrative structures."				

Breaks at 10h30 and 15 h30; lunch from 12h00-13h00

Tuesday 19 April	**09h00 12h00**	**JTEL Certification Presentation**

	13h00 14h00	**Forum Opening Plenary**
		• Welcome
		• Approval of Agenda
		• Review of the Austin Meeting
		• Reports from Liaison and Special Rapporteurs
		 o F. Jondral - ITU Region 1
		 o A. Feldstein - ITU Region 2
		 o T. Fujii - ITU Region 3
		 o M. Bicer - OMG
		 o S. Hope - E2R
		• Proposed method of work for Committee, Working Groups, Ad Hoc and Task Group Sessions
		• Introduction and assignment of input documents
		 o Consideration of input documents assigned to Plenary
		   Documents assigned to and subsequently addressed in Plenary
		 o Remanding of documents to committees, working groups, ad hocs, and task groups.
		   ▪ Documents from this meeting are all 2004/2005 Working Documents and Input Documents 2004-I-0084 and above on the Input Document List.

	14h00 **17h30**	**Overview** **Summary presentations of activities and progress from the following Working Groups and Special Interest Groups:** • **Research and Development-- Dr. Ruedieger Leschhorn** • **Commercial Technology-- Dr. Mark Cummings** • **Development Flow and Tools-- Dr. Lee Pucker** • **System Interface-- Murat Bicer** • **Smart Antenna-- Dr. Seungwon Choi** • **Cognitive Radio-- Dr. Paul Kolodzy** • **Public Safety-- Richard Shrum** • **Cognitive Applications-- Richard Shrum** • **Regulatory Committee-- Richard Shrum**

Breaks at 10h30 and 15h00

		Room 1	Room 2	Room 3	Room 4	Room 4	Room 5
Wednesday 20 April	09h00 10h30	Research and Development WG	Commercial Technology WG	System Interface WG	Smart Antenna WG	Regulatory Committee	
	10h45 12h30	Research and Development WG	Commercial Technology WG				
	13h45 15h45	Research and Development WG	Commercial Technology WG				
	16h00 17h00	Forum Closing Plenary					

Breaks at 10h30 and 15h45