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# Joint ICTP-IAEA School on Zynq-7000 SoC and its Applications for Nuclear and Related Instrumentation | (smr 3143)

## Thursday 31 August 2017

**Embedded RTOS on SoC - Chairperson: Maria Liz Crespo - Leonardo Building - Computer Lab (Leonardo Building) (09:00-22:00)**

time	title	presenter
09:00	Multitasking Real-time Operating System: freeRTOS	HEINZ RONGEN
10:30	Coffee break	
11:00	Ethernet Communication (lwIP)	HEINZ RONGEN
12:30	Lunch break	
14:00	Hands-on activities: Implementation of a RTOS and lwIP based SoC Design	
15:30	Coffee break	
16:00	Hands-on activities: Implementation of a RTOS and lwIP based SoC Design	
17:30	Participants Presentations	
20:00	Reception	