

**WORKSHOP ON DISTRIBUTED LABORATORY  
INSTRUMENTATION SYSTEMS  
26 November - 21 December 2001**

***FINAL PROGRAMME***

**Opening ceremony and course overview took place in the ICTP Main Building Main Lecture Hall**

**All other lectures took place in the Adriatico Guest House (AGH)  
Kastler Lecture Hall - Lower Level I**

**Laboratory Exercises took place in the Adriatico Guest House (AGH) Informatics  
Laboratory - Lower Level I**

**Monday, 26 November**

08.30 - 12.00      **REGISTRATION**  
Kastler Lecture Hall Area (AGH - lower level 1)  
and completion of financial transactions at Enrico Fermi Building (EFB).

12.00 - 12.30      **OPENING AND COURSE OVERVIEW**  
***ICTP Main Building Main Lecture Hall***

*12.30 - 14.00 Lunch Break*

14.00 - 15.00      **P. SANTAMARINA**      Presentation of the Distributed Laboratory  
System (1)

15.00 - 16.00      **O. TYKHOMYROV**      Object Oriented Programming Principles (1)

*16.00 - 16.30 Break*

16.30 - 17.30      **P. SANTAMARINA**      Presentation of the Distributed Laboratory  
Systems (2)

**Tuesday, 27 November**

09.00 - 10.00	<b>C. KAVKA</b>	Introduction to JAVA (1)
10.00 - 11.00	<b>O. TYKHOMYROV</b>	Object Oriented Programming Principles (2)
<i>11.00 - 11.30 Break</i>		
11.30 - 12.30	<b>C. KAVKA</b>	Introduction to JAVA (2)
<i>12.30 - 14.00 Lunch Break</i>		
14.00 - 18.00	<b>LABORATORY</b>	

<b>Wednesday, 28 November</b>
-------------------------------

09.00 - 10.00	<b>C. KAVKA</b>	Introduction to JAVA (3)
10.00 - 11.00	<b>A.S. INDURUWA</b>	Internet Overview (1)
<i>11.00 - 11.30 Break</i>		
11.30 - 12.30	<b>C. KAVKA</b>	Introduction to JAVA (4)
<i>12.30 - 14.00 Lunch Break</i>		
14.00 - 18.00	<b>LABORATORY</b>	

<b>Thursday, 29 November</b>
------------------------------

09.00 - 10.00	<b>C. KAVKA</b>	Introduction to JAVA (5)
10.00 - 11.00	<b>A.S. INDURUWA</b>	Internet Overview (2)
<i>11.00 - 11.30 Break</i>		
11.30 - 12.30	<b>C. KAVKA</b>	Introduction to JAVA (6)
<i>12.30 - 14.00 Lunch Break</i>		
14.00 - 18.00	<b>LABORATORY</b>	

<b>Friday, 30 November</b>
----------------------------

09.00 - 10.00      **C. KAVKA**      Introduction to JAVA (7)

10.00 - 11.00      **A.S. INDURUWA**      Internet Overview (3)

*11.00 - 11.30 Break*

11.30 - 12.30      **C. KAVKA**      Introduction to JAVA (8)

*12.30 - 14.00 Lunch Break*

14.00 -18.00      LABORATORY

<b>Monday, 3 December</b>
---------------------------

09.00 - 10.00      **U. RAICH**      Programming the World Wide Web (1)

10.00 - 11.00      **C. KAVKA**      Introduction to JAVA (9)

*11.00 - 11.30 Coffee Break*

11.30 - 12.30      **U. RAICH**      Programming the World Wide Web (2)

*12.30 - 14.00 Lunch Break*

14.00 - 18.00      LABORATORY

<b>Tuesday, 4 December</b>
----------------------------

09.00 - 10.00      **U. RAICH**      Programming the World Wide Web (3)

10.00 - 11.00      **C.S. ANG**      Cross-devt. embedded systems (1)

*11.00 - 11.30 Coffee Break*

11.30 - 12.30      **C.S. ANG**      Cross-devt. embedded systems (2)

*12.30 - 14.00 Lunch Break*

14.00 - 18.00            LABORATORY

18.15            *Small Reception*

*ICTP Main Building Bar*

<b>Wednesday, 5 December</b>
------------------------------

09.00 - 10.00            **U. RAICH**                    Programming the World Wide Web (4)

10.00 - 11.00            **C.S. ANG**                    Cross-devt. embedded systems (3)

*11.00 - 11.30 Coffee Break*

11.30 - 12.30            **A.S. INDURUWA**            Internet - Protocols and Programming (4)

*12.30 - 14.00 Lunch Break*

14.00 - 18.00            LABORATORY

<b>Thursday, 6 December</b>
-----------------------------

09.00 - 10.00            **C.S. ANG**                    Cross-devt. embedded systems (4)

10.00 - 11.00            **U. RAICH**                    Programming the World Wide Web (5)

*11.00 - 11.30 Coffee Break*

11.30 - 12.30            **C.S. ANG**                    Cross-devt. embedded systems (5)

*12.30 - 14.00 Lunch Break*

14.00 - 18.00            LABORATORY

<b>Friday, 7 December</b>
---------------------------

09.00 - 10.00            **U. RAICH**                    Programming the World Wide Web (6)

10.00 - 11.00            **U. RAICH**                    Programming the World Wide Web (7)

*11.00 - 11.30 Coffee Break*

11.30 - 12.30            **C.S. ANG**                    Cross-devt. embedded systems (6)

*12.30 - 14.00 Lunch Break*

14.00 - 18.00            LABORATORY

<b>Monday, 10 December</b>
----------------------------

09.00 - 10.00	<b>C.S. ANG</b>	Cross-devt. embedded systems (7)
10.00 - 11.00	<b>J. WETHERILT</b>	ICTP hardware boards and RTK (1)
<i>11.00 - 11.30 Coffee Break</i>		
11.30 - 12.30	<b>C.S. ANG</b>	Cross-devt. embedded systems (8)
<i>12.30 - 14.00 Lunch Break</i>		
14.00 - 18.00	<b>LABORATORY</b>	

<b>Tuesday, 11 December</b>
-----------------------------

09.00 - 10.00	<b>J. WETHERILT</b>	ICTP hardware boards and RTK (2)
10.00 - 11.00	<b>C.S. ANG</b>	Cross-devt. embedded systems (9)
<i>11.00 - 11.30 Coffee Break</i>		
11.30 - 12.30	<b>J. WETHERILT</b>	ICTP hardware boards and RTK (3)
<i>12.30 - 14.00 Lunch Break</i>		
14.00 - 18.00	<b>LABORATORY</b>	

<b>Wednesday, 12 December</b>
-------------------------------

09.00 - 10.00	<b>P. BARTHOLDI</b>	Data Bases (1)
10.00 - 11.00	<b>J. WETHERILT</b>	ICTP hardware boards and RTK (4)
<i>11.00 - 11.30 Coffee Break</i>		
11.30 - 12.30	<b>P. BARTHOLDI</b>	Data Bases (2)
<i>12.30 - 14.00 Lunch Break</i>		
14.00 - 18.00	<b>LABORATORY</b>	

<b>Thursday, 13 December</b>
------------------------------

09.00 - 10.00	<b>P. BARTHOLDI</b>	Data Bases (3)
10.00 - 11.00	<b>J. WETHERILT</b>	Instrumentation Techniques (1)

*11.00 - 11.30 Coffee Break*

11.30 - 12.30      **P. BARTHOLDI**      Data Bases (4)

*12.30 - 14.00 Lunch Break*

14.00 - 18.00      LABORATORY

<b>Friday, 14 December</b>
----------------------------

09.00 - 10.00      **J. WETHERILT**      Instrumentation Techniques (2)

10.00 - 11.00      **P. BARTHOLDI**      Data Bases (5)

*11.00 - 11.30 Coffee Break*

11.30 - 12.30      **C. VERKERK**      Real-Time Operating Systems (1)

*12.30 - 14.00 Lunch Break*

14.00 - 18.00      LABORATORY

<b>Monday, 17 December</b>
----------------------------

09.00 - 10.00      **P. BARTHOLDI**      Data Analysis (1)

10.00 - 11.00      **C. VERKERK**      Real-Time Operating Systems (2)

*11.00 - 11.30 Coffee Break*

11.30 - 12.30      **P. BARTHOLDI**      Data Analysis (2)

*12.30 - 14.00 Lunch Break*

14.00 - 18.00      LABORATORY

<b>Tuesday, 18 December</b>
-----------------------------

09.00 - 10.00      **C. VERKERK**      Real-Time Operating Systems (3)

10.00 - 11.00      **P. BARTHOLDI**      Data Analysis (3)

*11.00 - 11.30 Coffee Break*

11.30 - 12.30      **C. VERKERK**      Real-Time Operating Systems (4)

*12.30 - 14.00 Lunch Break*

14.00 - 18.00      LABORATORY

<b>Wednesday, 19 December</b>
-------------------------------

09.00 - 10.00      **C. VERKERK**      Configuring a gcc cross-compiler (1)

10.00 - 11.00      **P. BARTHOLDI**      Data Analysis (4)

*11.00 - 11.30 Coffee Break*

11.30 - 12.30      **C. VERKERK**      Configuring a gcc cross-compiler (2)

*12.30 - 14.00 Lunch Break*

14.00 - 18.00      LABORATORY

<b>Thursday, 20 December</b>
------------------------------

09.00 - 10.00      **A. LAVRENTIEV**      Socket Programming (1)

10.00 - 11.00      **P. BARTHOLDI**      Data Analysis (5)

*11.00 - 11.30 Coffee Break*

11.30 - 12.30      **A. LAVRENTIEV**      Socket Programming (2)

*12.30 - 14.00 Lunch Break*

14.00 - 18.00      LABORATORY

<b>Friday, 21 December</b>
----------------------------

09.30 - 12.30      LABORATORY