

**International Summer School on Aviation  
Psychology  
Graz, July 3 – 8, 2005**

**Course Program<sup>1</sup>**



**Sunday, July 3, 2005:  
Introductory Day**

Room B	
08:30 – 09:45	<b>Welcome Desk<sup>2</sup></b>
09:45 – 10:00	<b>Welcome Notes</b> Wolfgang Kallus (University of Graz)
10:00 – 12:30	<b>Introductory Day (Part 1)</b> Peter Hoffman (Austrocontrol),
12:30 – 14:00	<b>Lunch break</b>
14:00 – 16:30	<b>Introductory Day (Part 2)</b> Hans Rahmann (Lufthansa, Mayday)

**Monday, July 4, 2005:  
Critical Incident Stress Management (CISM)**

Room A		Room B
08:30 – 09:30	<b>Welcome Desk<sup>2</sup></b>	
09:30 – 10:00	<b>Welcome Notes</b> Wolfgang Kallus (AAPA, University of Graz) Manuela Paechter (University of Graz) André Droog (EAAP)	
10:00 – 11:30	<b>Applied critical incident stress management - the concepts</b> Gerhard Fahnenbruck (Mayday), Hans Rahmann (Lufthansa, Mayday)	
11:30 – 13:00	<b>Introduction to psychotraumatology and CISM</b> Bernd Willkomm (Aviation Medical Center of the German Luftwaffe)	
13:00 – 14:00	<b>Lunch break<sup>3</sup></b>	
Room C		Room B
14:00 – 17:00	<b>Applied critical incident stress management - applications</b> Gerhard Fahnenbruck (Mayday), Hans Rahmann (Lufthansa, Mayday)	<b>Planning, organisation and application of CISM in large scale incidents</b> Bernd Willkomm (Aviation Medical Center of the German Luftwaffe)

**Tuesday, July 5, 2005:  
Man-Machine Interaction in Aviation**

Room A		
09:00 – 12:00	<b>Information preparation and processing in the cockpit from informationtheoretical / cybernetic point of view</b> Gerhard Faber (Technical University of Darmstadt)	
12:00 – 13:30	<b>Lunch break<sup>3</sup></b>	
Room B		
13:30 – 17:00	<b>Certification of future human-machine systems in aviation: issues and instruments</b> Peter Jorna (National Aerospace Laboratory of the Netherlands)	<b>Visit of Austrian Air Force's air base Graz Thalerhof and visit of the aviation museum Graz</b> (free bus transfer at 13:30 sharp from the University, returning at 18:00)
20:00 – 21:00		<b>Banquet of the the incumbent mayor of Graz at the city hall</b> (Rathaus, Hauptplatz)

**Wednesday, July 6, 2005:  
Crew Resource Management (CRM) / Team Resource Management (TRM)**

	Room A	Room B
09:00 – 10:15	<b>Operator vs Regulator</b> Felix Senn (Swiss)	
10:15 – 11:30	<b>TRM in ATM – The concept</b> Peter Hoffmann (Austrocontrol)	<b>Training for future warfighters</b> Peter Jorna (National Aerospace Laboratory of the Netherlands)
11:30 – 12:30	<b>The history of CRM in aviation</b> Gerhard Fahnenbruck (Mayday)	
12:30 – 14:00	<b>Lunch break<sup>3</sup></b>	
14:00– 17:00	<b>CRM/HF training for instructors</b> Felix Senn (Swiss)	<b>The implementation of CRM at the Lufthansa Cityline</b> Gerhard Fahnenbruck (Lufthansa, Mayday)

Room C	
14:00 - 17:00	<b>TRM in ATM – The applications</b> Peter Hoffmann (Austrocontrol)

**Thursday, July 7, 2005:  
Training and Transition**

Room B		
09:00 – 10:30	<b>Peer training in ATC – The concept</b> Mariann Hintz (Eurocontrol)	<b>Visit of a flight simulator at the University of Applied Sciences FH JOANNEUM</b> (Alte Poststraße 149)
10:30 – 12:00	<b>Principles and practice of pilot training</b> André Droog (KLM)	
12:00 – 13:30	<b>Lunch break<sup>3</sup></b>	
Room B		Room D
13:30 – 17:00	<b>Peer training in ATC – The application</b> Mariann Hintz (Eurocontrol)	<b>The pilot training process</b> André Droog (KLM)

  

Room E	
13:30 – 17:00	<b>Mental practice with pilots</b> Reiner Kemmler (Lufthansa)

**Friday, July 8, 2005:  
Safety, Human Error**

Room D		Room B
09:00 – 10:00	<b>Flight Data Monitoring - A New Approach</b> Dieter Reisinger (AUA)	<b>Pilot Error in Routine Operations</b> Loukia Loukopoulos (NASA Ames Research Center)
10:00 – 12:00	<b>Safety and Change</b> Hermann Rathje (Eurocontrol)	
12:00 – 13:30	<b>Lunch break<sup>3</sup></b>	
13:30 – 16:00	<b>Flight accident investigation in practise</b> (Peter Grössenbrunner, Humanlabor)	<b>Violating procedures – a lack of proficiency?</b> Reiner Kemmler (Aviation Psychologist, Lufthansa), Harry Neb (A340 Captain, Lufthansa)
Room B		
16:00 – 17:00	<b>Closing Session</b>	

<sup>1</sup> ISAP'5 course program as of June 29, 2005. Subject to change without notice.

<sup>2</sup> Due to the large number of participants we recommend to register at the welcome desk as early as possible! Onsite registration will also be possible outside official welcome desk hours. In such cases please contact our staff.

<sup>3</sup> From Monday to Friday we offer free all-you-can-eat lunch buffet (including soups, 3 main courses, and salad buffet; beverages not included) at the restaurant Propeller (<http://www.propeller.co.at/>, Zinzendorfsgasse 17).

## **Room Locations**

Room A – Meerscheinschlössl, Mozartgasse 3

Room B – Center for Continuing Education, Harrachgasse 23, 1<sup>st</sup> Floor

Room C – SR 01.18, University Main Building, 1<sup>st</sup> Floor

Room D – HS 06.01, Harrachgasse 23, Ground Floor

Room E – SR 02.31, Department of Psychology, Universitätsplatz 2, 3<sup>rd</sup> Floor

**For details see [Campusmap.pdf](#) - Signpost will be available for all buildings!**