

The **EUROPEAN TELEMETRY CONFERENCE etc2002** will be held as already known in form of a **Congress** and an **Exhibition** for **Telemetry, Test-Instrumentation** and **Telecontrol** in **Garmisch-Partenkirchen, Germany, from May 27 to 30, 2002.**

The Conference will present papers on Acquisition, Transmission, Recording and Processing of Data in **Application-Areas of Telemetry, Telemetry related Procedures** and **Application of Devices and Systems related to Telemetry.**

Attention will be drawn to the effects of electro-magnetic fields on biological systems, for example on telemetering data by cell-phone systems.

Along the conference the Plenary Meeting of the **European Telemetry Standardization Committee [ETSC]** as well as the Meeting of the **International Consortium on Telemetry Spectrum [ICTS]** will take place.

⇒⇒ Further a **Short Course CCSDS** (Consultative Committee for Space Data Systems) will be held in the context of the conference.

Please register in due time (see page 4)

Together with **etc2002** the Symposium "**Aircraft Integrated Monitoring Systems**" **AIMS2002** will take place at the same time in Garmisch-Partenkirchen.

This offers the opportunity to the participants to attend to the presentations of both events as well as the common exhibition. Aircraft Integrated Monitoring Systems includes all systems and procedures which **serve** to the monitoring of state and performance of aircraft, avionic-systems, engines, structures and man-machine-systems, **analyse** system behaviour and operational state and **support** crew and ground-staff by suitable recommendations in the achievement of safe and economic aircraft operation.

The **exhibition** will give an extensive overall view of the latest developments in technology and on the great variety of hardware and software for instrumentation, installations and systems concerning Telemetry, Test Instrumentation and Remote Control. Many vendors and exhibitors are showing their supply at **etc2002.**

A **Bavarian Dinner** offers the opportunity for social contacts alongside the conference.

A **spouses program** with visits of places of interest in Garmisch-Partenkirchen and a bus-tour to the surroundings is planned.

etc2002

European

Telemetry Conference

AIMS2002

Symposium Aircraft Integrated Monitoring Systems

Conference Program

Opening Session of etc2002

Monday, 27.05.2002 / 09:30 a.m. / Meeting Room U1

Welcome and Opening Addresses

- *Conference Chairman*
- *Authorities of Garmisch-Partenkirchen*

Opening Presentation

Effects of Electromagnetic Fields

***Alleged health hazards
of mobile Communication***
Michael Bornhausen

Short Course CCSDS

Wednesday, 29.05.2002, 09:00 – 15:30
Meeting Room Alpspitze

A sufficient Number of participants provided,
a **Short Course CCSDS**
will be held along etc 2002
by Lecturers of Avtek Systems, Inc.

This Course will have the following outline:

- Consultative Committee for Space Data Systems
 - CCSDS Organization
 - CCSDS Scope
 - CCSDS Services
 - Telemetry
 - Telecommand
 - Advanced Orbiting Systems
 - Space Link Extension
 - CCSDS Applications
 - CCSDS Space Communications Protocol Standards (SCPS)

For this course a registration fee of € 100,00 is to pay.

Registrations should be made not later than April 30, 2002

Plenary Meeting of the European Standardization Committee

Thursday, 30.05.2002 / 10:30 – 12:00

Meeting Room Dreitorspitze

Preliminary Agenda

ETSC Status Report

- Chair Report (J.C.Ghnassia, G.Mayer)
- SC-1 RF-Spectrum & Frequency Management
(J.M.Berges,G.Mayer)
- SC-2. Data Acquisition & Processing (R.W.Lange)
- SC-3. Data Recording & Storage (S.W.Lyons)

ARTM Status Briefing

Meeting of the International Consortium on Telemetry Spectrum [ICTS]

Thursday, 30.05.2002 / 13:00 – 16:00

Meeting Room Dreitorspitze

ICTS Forum: World-Wide Spectrum Planning

- Overview of the ICTS (T.A.Chalfant,USA)
- Reports from ITU - Regions on Topics of Interest
Region 1 "Europe" (J.M.Berges, France)
Region 2 "Americas" (M.R.Ryan,USA)
Region 3 " Asia/Pacific" (V.Crouch,Australia)
- TM-Band Augmentation
Status of the ICTS-Working Group, formed to address
WRC Agenda Items on Telemetry and Band Augmentation
(D.Ernst / D.Portugal, USA)
- TM-Band Harmonization
Actual Reports from ITU Regions
- ITEA Instrumentation Workshop Report
(held 30th.April - 3rd.May at Palmdale,California/USA)

Session 1

Data Recording and Storage

Monday, 27.05.2002 / 14:00 – 15:30

Meeting Room Zugspitze

14:00 An Overview of “New Technology”

Data Recorders

T.I. Mason , John Howard

Avalon Electronics Ltd.

14:30 Telemetry Data Recording Using
the Min/Max Algorithm

Michael J. Sullivan, David N. Kortik / Astro-Med

15:00 High Speed Data Recorder to receive and
store Data up to 1 Gbps from the INTA
Radar on a CASA Airplane

Chris Duckling / L3 Communications Systems-East

Marcos Garcia Rodriguez / INTA

Session 2

Data Acquisition, Processing and Monitoring

Monday, 27.05.2002 / 14:00 – 17:30

Meeting Room Dreitorspitze

14:00 SDLA, a rugged PC data logging / processing
system in ATR size using COTS components

Henning Trispel / Thales Elektronik Systeme GmbH

14:30 A High Performance Reconfigurable Next Generation
Data Acquisition using COTS-Products

Chris Dehmelt / L3-Communications – Telemetry East

15:00 Research on Multi-signals Telemetry Data
Acquisition Systems

Bin Guo, Jiafeng Wang, Shiyuan Liu

*Electronic Engineering Institute of
China Academy of Engineering Physics*

16:00 The Anti-Interfering Analysis of PPCM Frame-Sync-Code

Jiangfeng Ye, Shiyuan Liu, Jiafeng Wang

*Electronic Engineering Institute of
China Academy of Engineering Physics*

16:30 Specifying a PCMCIA IRIG – 106 (Ch.4) Decommutator

Niall McGirr / ACRA CONTROL Ltd.

17:00 Defining an Open Flight Data Acquisition System

Diarmuid Corry / ACRA CONTROL Ltd.

Session 2 (continued)

Data Acquisition, Processing and Monitoring

Tuesday, 28.05.2002 / 08:30 – 10:30

Meeting Room Dreitorspitze

09:00 Signal Processing about a Distributed Data
Acquisition System
William Malatesta / ACRA CONTROL Ltd.

09:30 Visualisation within Test and Evaluation
Richard Thorpe, QinetiQ Boscombe Down

10:00 Universal Integrated Signal Conditioning
for Data Acquisition System
Gael Brute de Remur / IN-SNEC

Session 3

Test Ranges, Ground Stations

Monday, 27.05.2002 / 16:00 – 17:30

Meeting Room Zugspitze

16:00 Telemetry Facility capability enhancements
at the UK's Hebrides Range
Steve W. Lyons / QinetiQ

16:30 Advanced Range Telemetry
James Tedeschi / Edwards AFB

17:00 Best Source Selection
Werner R. Lange / Acroamatics Inc.

Test Ranges, Ground Stations (continued)

Tuesday, 28.05.2002 / 09:00 – 10:30

Meeting Room Zugspitze

09:00 Highrate Data Reception Systems for
Earth Observation Satellites
Joachim Schwarz / DLR-DFD

09:30 Reengineering a Traditional Spacecraft
Control Center
Klaus Nötzel / Deutsche Telecom AG
Christian Knauer / CAM GmbH

10:00 Low Budget Satellite Communication
Ground Station for Packet Data Transmission
Chris Dewanto, Moch Ichsan
Indonesia Institute of Aeronautics and Space
(LAPAN) / Indonesia
Clemens Marcuse / DLR-Aerospace Center
German Space Operation Center (GSOC) / Germany

Session 4

Telemetry Systems

Tuesday, 28.05.2002 / 11:00 – 15:30

Meeting Room Zugspitze

- 11:00 Positioning with Telemetry System
*Miao Liucheng / Beijing Institute of Tracking
and Telecommunication Technology*
- 11:30 Prospect of Telemetry Technology
in China
*Yu Zhijian, Fang Hongrui
Beijing Institute of Tracking
and Telecommunication Technology*
- 12:00 Reconfigurable technology and its
telemetry applications
Henry Chandran / NAVTEL Systems SA
- 14:00 Spacelink^{NGT} / Next Generation TT&C
Telemetry / Telecommand Systems
*Pieter van Duijn, B.R. Tatman
Satellite Services B.V.*
- 14:30 Frequency Allocation for Radio Telemetry
in the European Union – Requirements
on non licensed applications
Uwe Kartmann / CETECOM ICT Services GmbH
- 15:00 Telemetry Reception and Commanding with a
Low Cost Ground Station for the Small Satellite BIRD
*Hakan Kayal / Axel Lauterbach
DLR Institute of Space Sensor Technology
and Planetary Exploration*

Session 5

Telemetry Antennas

Tuesday, 28.05.2002 / 16:00 – 17:30

Meeting Room Zugspitze

- 16:00 The design of a novel axial mode
helical antenna with dual reflectors
*Lin cui-Lee / Southwest Electronic
Engineering Institute / Sichuan, China*
- 16:30 Spectrum Resources optimisation thanks
to multi-antennas COFDM system.
Airbus Telemetry Application
*Pierre Lemahieu / Sagem
Luc Falga / Airbus France*
- 17:00 Analysis and Matching of Small Loop
Antennas for MicroRadio Transmitters
Jan van Niekerk / Microchip Technology

Session 6

Flight Test Instrumentation

Tuesday, 28.05.2002 / 11:00 – 15:30

Meeting Room Dreitorspitze

11:00 The Instrumentation Unit incorporated in the
ASRAAM Telemetered Operational
Missile Variant

*Jan Roderick, Dave Skidmore
MATRA Bae Dynamics*

11:30 A Web-Oriented Approach to Data
Distribution and Work Collaboration in
a Flight Test Environment

*Sergio D. Penna, Antonio M.L. Espescht
EMBRAER Flight Test Division*

12:00 Time-Tagging Issues Related to
Networked Data Acquisition Systems

*Tara Owens, Alfredo Berard, Tim Boolos
USAF 46TW/TSI*

14:00 The Telemetry Attributes Transfer Standard
(TMATS) Reducing the Cost of Flight Test

Michael A. Scardello / Spiral Technology Inc.

14:30 Applying Rules for Isochronous Sampling
within Acquisition Cycles to all Levels
of FTI System Definition

R. Fielding, Aaron McNelis / ACRA CONTROL Ltd.

15:00 Common Airborne Instrumentation System

A Fresh Look

Thomas Grace / Naval Air System Team

Session 7

Data Networks and Coding Techniques

Wednesday, 29.05.2002 / 09:00 – 12:30

Meeting Room Zugspitze

09:00 Test Range Data and Communication

Networks: Packetized Telemetry

Techniques Bridge the Gap

David L. Grebe / Apogee Labs

09:30 Autonomous Acquisition of Environmental
Data in a Global Network Environment

*Michael Grubinger, Felix Strohmeier
Universität Salzburg*

10:00 CCSDS, NASA, IRIG- and US Government
Standardization and Developments of
Spectrally Efficient FQPSK

*James A. McCorduck, Kamilo Feher
University of California*

Tien M. Nguyen / The Aerospace Corporation

Session 7 (continued)

Data Networks and Coding Techniques

11:00 Advances in Ultra-High Spectrally
Efficient FQAM and FK Transceivers
James A.Mc.Corduck, Zhi Ding, Kamilo Feher
University of California
Tien M.Nguyen
The Aerospace Corporation

11:30 Ultra Spectrally Efficient Feher Keying (FK)
Developments
Jimsong Lin, Kamilo Feher
University of California

12:00 Fast Synchronized Noncoherent Detection
of Standardized FQPSK and OQPSK
Jimsong Lin, Kamilo Feher
University of California

Session 8

Timing and Bus Systems

Wednesday, 29.05.2002 / 14:00 – 17:00
Meeting Room Zugspitze

14:00 Telemetry Data Encoder with an
embedded GPS Receiver
Alan Rivera / Herley Industries

14:30 Precise Clock Comparison with
geodetic GPS Receivers
A. Moudrak, U. Grunert

15:00 Time and Frequency for an Integrated
Telemetry and Telecommunication Application
Werner R. Lange / Lange Electronic GmbH

16:00 Frequency and Timing for Test Fields
Avinoam Stern, Benny Levy / AccuBeat Ltd.

16:30 A 340-600 Experience feed back on
on sensor's field buses
Laurent Viard / AIRBUS France

Session 9

Sensors and Sensor - Networks

Wednesday, 29.05.2002 / 09:00 – 12:00

Meeting Room Dreitorspitze

09:00 Smart sensors and network sensor systems.

Two approaches providing smart sensor capabilities

Bernard Ginn / Brüel & Kjaer Sound and Vibration A/S

09:30 Tail Rotor Flap Angle Measurements

on a BO 105 Windtunnel Model

Andreas Buschbaum / DLR Institute of Flight Research

10:00 Smart Sensors: Architecture and technological

choices for future test installations

Laurent Viard / AIRBUS France

11:00 IEEE P1451.3A Developing Standard

for Networked Transducers

Lee Eccles / Boeing Commercial Airplane Group

11:30 Airborne Icing Characterization Prototype

Sandrine Roques / Airbus France

AIMS2002

Aircraft Integrated Monitoring Systems

Symposium Program

Meeting Hall Olympia

System Architecture

Monday, 27.05.2002

- 14:00 Condition monitoring made more efficient,
reliable & cost - effective
D. Stratton / Domain Dynamics Ltd. / UK
- 14:30 Architecture of the Airbus A380 ACMS
Mark Wiegmann / EADS Airbus / D
- 15:00 Development of a Data Acquisition and Processing
System for a Micro-Aerial-Vehicle (MAV)
Marco Buschmann / TU Braunschweig / D
- 16:00 Amos Aims High as it Checks on Czech's L-159
Labri Ouchelouche / Speel Praha Ltd. / CZ
- 16:30 Suggestions for a new Data Management System
on Military Aircraft
Martin Geisreiter / EADS / D
- 17:00 Utilization of Cellular Communication and Internet
Infrastructure for Automatic Delivery of Flight Data
Tamás M. Iglói / Teledyne Controls / USA
- 17:30 Real-time Stability Analysis and Monitoring
of Commercial Jet Engines with the SAM 1000
*Thomas J. Rosenbauer
L3 Communications Telemetry East / USA*

Aircraft Operation

Tuesday, 28.05.2002

- 08:30 Transfer of FOQA from civil programs into military
operational issues
Everett W. Smith / U.S. Air Force Safety Centre / USA
- 09:00 Departure Warning System for Tornado A/C
*A. Schönhoff, EADS / D
W. Nosse, Dornier / D*
- 09:30 Improved military pilot training and flight safety
control, supported by a flight profile recorder
*Jens Wagener, Helmut Rauch
Bodensee Gerätetechnik GmbH / D*

Aircraft Operation (continued)

Tuesday, 28.05.2002

- 10:00 Using AIMS during Airbus Aircraft
Acceptance Phase in Hamburg
Joachim Schedautzky, S.Knoop / EADS Airbus / D
- 11:00 An assessment of Eurocopter experience in
HUMS development & support
J.-M. Pouradier / Eurocopter / F
- 11:30 ASSIST: Pilot Assistance Gate to Gate – Concept,
Architecture, Onboard Functions
J. Merkel / DLR / D
- 12:00 Enhanced Vision Systems: Automatic Situation
Assessment for Safe Aircraft Operation
B. Korn, H.-U. Döhler, P. Hecker / DLR / D

Aircraft Engineering

Tuesday, 28.05.2002

- 14:00 Cost Benefit by Engine Vibration Monitoring -
A Case Study of the ACMS Usage in Boeing 737NG
Staffan Elmén / Scandinavia Airlines / S
- 14:30 Advance System for Vibration Monitoring
and Diagnosis on High Power Aero Engineering
J.Moreno-Barragan / MTU Aero Engines / D
- 15:00 Troubleshooting an A/C wiring supported by a
model-based diagnostic tool
C. Haubach-Lippmann / EADS / D
- 16:00 EF2000 – International Logistic Solution for
“On – A/C Maintenance, Maintenance Planning
and Operational Management”
Uwe R. Iltgen / TopM / D

Structural / Loads Monitoring

Tuesday, 28.05.2002

- 16:30 RNLAF / F-16 Loads and Usage
Monitoring / Management System
Farid C. te Winkel
National Aerospace Laboratory NLR / NL
- 17:00 Wireless Programmable Microsensors
and MEMS for In-flight Monitoring of
Aircraft Components and Systems
V. K. Varadan / Penn. State University / USA

AIMS2002 (continued)

Structural / Loads Monitoring

Wednesday, 29.05.2002

- 09:00 Acoustic Wave Propagation Phenomenon
Modelling and Damage Mechanisms in Ageing Aircraft
W. J. Staszewski / University Sheffield / UK
C. Boller / EADS / D
- 09:30 Crack Monitoring in A/C Structures with
SMART Layer Technology
J.B. Ihn, F. K. Chang / Stanford University / USA
P. Xqing, M. Lin / Acellent Technology / USA
C. Boller / EADS / D
R. Ikegami / Boeing / USA
H. Speckmann / EADS Airbus / D
M. Derriso / AFRL / USA
- 10:00 Development of Measurement Technologies
for Health Monitoring Applications
Arnd Reutlinger, R. Graue / Kayser Threde / D

New Concepts

Wednesday, 29.05.2002

- 11:00 A Contribution to Improve Flight Data Recorder
Analysis and Ground Replay
A. Schick, W. Nosse / Dornier / D
- 11:30 The Topology of AIMS Data Transfer Structures
David Jesse / Flight Data Services Limited / UK
- 12:00 An Approach to the Analysis of Data from Aircraft
Integrated Monitoring Systems and Flight Simulators
Intend to Support the Development of Agents
Assisting in Diagnose and Assess of
Man/Machine Interactions
Frank Köster, K. Mehl / Universität Oldenburg / D
- 12:30 *The I-22 Iryda Power Plant Expert Aided
Condition Monitoring System*
R. Szczepanik / Air Force Institute of Technology / PI.

***EXHIBITORS and COMPANIES
represented at etc2002***

Aacom Systems Inc.
Accubeat Ltd.
ACRA CONTROL LTD
Acroamatics Inc.
AIM GmbH
AKTM Arbeitskreis Telemetrie e.V.
Ampex Data Systems
Apogee Labs Inc.
Apollotek Ltd.
artronics gmbh
ASTRO-MED GmbH
Avalon Electronics Inc. Data Collection Systems
AVTEC Systems Inc.
BRIT Beijing research institute of telemetry
Calculex Inc.
CAM GmbH Tel Data Product Group
CIEL GmbH
Columbia Research Laboratories, Inc.
CONDOR Engineering
DECS Inc.
DELTA Information Systems
EIDEL Eidsvoll Electronics AS
Enerdyne Technologies Inc.
ENERTEC S.A.
GDP- Space Systems
Haigh Farr Inc.
Herley-Industries Inc.
HTS High Tech Systems S.A.
IN-SNEC
Intus GmbH
IXSEA BV
Jackson & Tull – Smartech Division
John Douglas Associates
KMT Kraus Messtechnik & Telemetrie GmbH
K+K GmbH

L-3 Communications EMP Systems Inc.
L-3 Communications Microdyne
L-3 Communications Telemetry-East

L-3 Telemetry-West, Conic
L-3 Telemetry-West, Telemetry & Instrumentation
LANGE - ELECTRONIC GmbH
Logic Instrument GmbH
LPRA Low Power Radio Association
Lumistar, LLC
Malibu Research
Meinberg Funkuhren
micma GmbH and IBG
Neff Instrument Corp.
Park Controls & Communications Ltd.
PARTHUS Ltd.
PC - ELECTRONIC GmbH
QinetiQ
QuadTron Inc.
r.e.d. GmbH
RGB Spectrum
Satellite Services B.V.
SBS Technologies Inc.
Schleifring- und Apparatebau GmbH
SEMCO
SMP (Systeme Midi-Pyrenees)
Sony Precision Technology Europe GmbH
Spiral Technology Inc.
Spirent Communications (SW) Ltd.
STT System Technik Taubenreuther
Sypris Data Systems
Teledyne Controls
Teletronics Technology Corp.
Thales-Heim Systems GmbH
TSS Technical Software Service
Veridian Systems Inc.
Vertex Antennentechnik GmbH
Viasat
VuTrack Antenna
Warberry Communications
Wavelab Engineering AG
W V Communications

Exhibition Information

etc2002 and AIMS2002

The Exhibition will take place at the Foyer of the Congresscenter and in the Room Werdenfels

Exhibition Timetable

Sunday	26.05.2002	08.00 a.m. to 08.00 p.m. <i>Exhibition Setup</i>
Monday	27.05.2002	11.30 a.m. <i>Exhibition Opening Ceremony, Cocktail</i> 01.30 p.m. to 06.00 p.m. <i>Exhibition</i>
Tuesday	28.05.2002	09.00 a.m. to 12.00 a.m. 01.30 p.m. to 06.00 p.m. <i>Exhibition</i>
Wednesday	29.05.2002	09.00 a.m. to 03.00 p.m. <i>Exhibition</i>

The Exhibition closes Wednesday 03.00 p.m.

General Information

etc2002 and AIMS2002

Registration and Conference

Secretariat Hours:

<i>Sunday</i>	<i>26.05.2002</i>	<i>01.00 p.m. to 07.00 p.m.</i>
<i>Monday</i>	<i>27.05.2002</i>	<i>08.30 a.m. to 04.00 p.m.</i>
<i>Tuesday</i>	<i>28.05.2002</i>	<i>08.30 a.m. to 04.00 p.m.</i>
<i>Wednesday</i>	<i>29.05.2002</i>	<i>08.30 a.m. to 03.00 p.m.</i>
<i>Thursday</i>	<i>30.05.2002</i>	<i>09.00 a.m. to 12.00 a.m.</i>

Accommodations:

Garmisch-Partenkirchen offers a wide variety of Hotels, Inns, Pensions and Guesthouses to meet everybody's wishes. Most accommodations are within walking distance from the Congress Center. The easiest way to make hotel-reservations is to use the central reservation system „GAPdirekt“. You will get information about all hotels. GAPdirekt offers also a Garmisch-Partenkirchen Catalogue with detailed information about all hotels and locations of Garmisch-Partenkirchen.

Please contact:

Coffee Breaks:

During Breaks of the technical sessions coffee and tea will be served at no charge in the conference lounges in the exhibit area.

Meals:

A restaurant is located within the Congress area. Other restaurants are located nearby in the city.

How to reach Garmisch:

1. Transfer from München Airport

By S-Bahn to Central Railway Station (Hauptbahnhof) every 15 min., traveling time approx. 50 min.

2. Railway Connections München Hauptbahnhof to Garmisch-Partenkirchen

3. Driving by Car

from Munich, follow the blue Autobahn sign "Garmisch-Partenkirchen".

Traveling time 1 hour (distance 100 km)

Social Program:

A Bavarian Dinner with entertainment program will take place on

Tuesday, May 28, 7.30 p.m.

at the Concerthall "Richard Strauss"

Price: € 50,- / person

Please register at the conference desk.

Tours:

Sufficient participants provided, tours are planned on:

Monday, May 27 afternoon 02:00 p.m.

Meeting at the Congresshall

Afternoon-Tour by bus and horse-drawn carriage to the famous Partnach-Gorge.

By cable car to "Forsthaus Graseck" and hiking through the gorge

Tuesday, May 28 09:00 a.m.

Departure at the Congresshall

Bus Tour to Innsbruck (Austria) with visit of the exhibition "Swarovski Crystal Worlds" in Wattens on the way to Innsbruck. Guided sight-seeing tour of the historic Innsbruck.

For more information please contact the conference secretariat.

Conference Fees

<i>Four-day ticket for etc2002 and AIMS2002 (conference proceedings for etc2002 or AIMS2002 and free admission to the exhibition incl.)</i>	€	300,-
<i>Four-day ticket for members of the Arbeitskreis Telemetrie e.V</i>	€	280,-
<i>One-day ticket for etc2002 and AIMS2002 (free admission to the exhibition included, without conference proceedings)</i>	€	100,-
<i>One-day ticket for members of the Arbeitskreis Telemetrie e.V.</i>	€	90,-
<i>Conference Proceedings (per single copy) for etc2002 or AIMS2002</i>	€	50,-
<i>Four-day ticket incl. admission to the exhibition without conference proceedings for students</i>	€	25,-
<i>Short Course CCSDS</i>	€	100,-
<i>Bavarian Dinner</i>	€	50,-
<i>Spouses Program</i>		<i>depending on excursion</i>

Information and Registration

Arbeitskreis Telemetrie e.V. German Society of Telemetry

Internet homepage <http://www.aktm.org>
and <http://www.etc2002.de>

Conference Chairman etc2002:

Hans-Joachim Klewe

Arbeitskreis Telemetrie e.V.
German Society of Telemetry
Im Ziegenförth 54
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Exhibition Chairman:

Werner R. Lange

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Symposium Chairman AIMS2002:

Prof. Dr.-Ing. Hans-Peter Kau

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Internet: <http://www.lfa.mw.tum.de>

The Place

...Garmisch Partenkirchen is located at the foot of Germany's highest mountain, the Zugspitze (9722 ft.) and the Alpspitze (8620 ft.), symbols of Werdenfels country. A wide choice of reasonable lodgings as well as a pleasant and international atmosphere awaits the visitor, the exhibitors and their attendants. For these reasons, it is a great idea to extend your stay in Garmisch-Partenkirchen beyond the duration of the etc 2002.

The Congress Hall

...consists of a complex of buildings which through its architecture fits perfectly into the Bavarian countryside. Situated in the centre of town and bordering the Municipal Park, it offers a variety of conference rooms and large exhibition areas and thus makes it possible to unify congress and exhibition under one roof.