

Visitor information

**The No. 1
in Europe!**



HAM RADIO



FRIEDRICHSHAFEN

**35th International
Amateur Radio Exhibition
with HAMtronic
Friedrichshafen, Germany
With 61st DARC
Lake Constance Meeting
25th - 27th June 2010**

MESSE
FRIEDRICHSHAFEN



Deutscher Amateur-Radio-Club e.V.
Bundesverband für Amateurfunk in Deutschland



35th HAM RADIO marked by DARC anniversary

60 years of DARC e. V.: One membership – multiple advantages!

For the 35th time, HAM RADIO opens its doors in Friedrichshafen from 25 to 27 June 2010. For almost four decades this has been the European meeting point for some 170 exhibitors from 30 countries and most recently 17,400 visitors from all over the world. Besides a wealth of exhibitors, at the heart of HAM RADIO in Friedrichshafen is the Lake Constance Meeting of the German Amateur Radio Club (DARC e. V.) and its associated and partner federations and organizations. True to the motto: "From radio amateurs for radio amateurs", the 61st Lake Constance Meeting will once again focus on dialogue and the mutual exchange of experiences as well as the shared enjoyment in communication and technology.

DARC e. V. is celebrating its anniversary – Join the celebrations!

The focus of activities in 2010 is the anniversary of the German Amateur Radio Club. The Association for Amateur Radio in Germany has 43,000 members and in 2010 can look back to a history of 60 years. In Foyer WEST of the trade show grounds, DARC e. V. will present an exhibition on the theme of "60 years of DARC e. V. – Turning back the time", as well as a number of other features.

The three-day radio amateur exhibition is complemented by an interesting supporting programme:

- specialist presentations
- international and national meetings
- action stage

Understanding amateur radio – compact education and training

The concept for training and young people which HAM RADIO has pursued in previous years has proven successful and is bearing its first fruits. The participants of HAM RADIO 2010 can once again look forward to the following:

- further training for teachers in cooperation between DARC e. V. and the working group Amateur Radio and Telecommunication in Schools (AATiS e. V.).
- workshops at the "Projects" stand Rothaus Hall/A1, such as "PCB production using milling technology"
- HAM RALLYE: numerous stations in Rothaus Hall/A1 for children and young people
- HAM CAMP
- The comprehensive "hands-on" programme is complemented by interesting special exhibitions on the topic of amateur radio.

HAM NIGHT 2010

Saturday, 26th June 2010

Party on the Open Air Grounds

06.00 pm - 08.30 pm live music
08.30 pm - 10.30 pm FIFA World Cup,
coverage of eighth final
10.30 pm - 12.00 am live music

Free entry*

(*food and drinks not included)



*Meeting place for
amateur radio
enthusiasts in Europe*



Hall overview HAM RADIO/HAMtronic

Rothaus Hall/A1
HAM RADIO/
HAMtronic
Societies

Hall A2
Lecture rooms

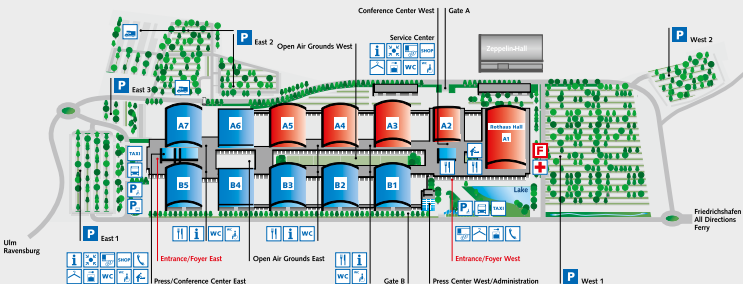
Open Air Grounds
HAM CAMP

Hall A3, A4, (A5)
HAM Flea Market

P Ost 2
Parking spaces for campers and caravans

Conference Centre
61st DARC Lake Constance Meeting
HAM RALLYE - Friday and Saturday

Open Air Grounds
HAM NIGHT on Saturday, 26th June 2010



Lectures and Meetings

61st DARC Lake Constance Meeting



■ FRIDAY, 25th JUNE 2010

AATiS Teacher's Education Program

10.30 am/Hall A2, Room 3
**Greetings an Presentation of
the Programm**

11 am/Hall A2, Room 3
**From Common Light Bulb to
LED-Backlight-Display**
Prof. Dr. Roman Dengler, DK6CN

11.45 am/Hall A2, Room 3
European Balloon Project
Michael Matthes, DL2SEK
Jens Mundhenke, DL4AAS

2.15 pm/Hall A2, Room 3
ISS Contacts in Class
Oliver Amend, DG6BCE

2.30 pm/Hall A2, Room 3
Greetings by DARC President

3.00 pm/Hall A2, Room 3
**Examples of Digital Sensors
for Physical Units**
Dr.-Ing. Karsten Hansky, DL3HRT

MEETINGS

12 am/Administrative Building
**EMC-Workinggroup-Meeting
(in engl.)**
Chris Verholt, OZ8CY

2 pm/Room Schweiz
ADDX SWL Meeting
Charly H. Hardt, ADDX

2 pm/Administrative Building
**IARU-EUROCOM-WG-Meeting
(in engl.)**
Thilo Kootz, DL9KCE

2 pm/Room Paris
**Actual Usable Sensitivity in
Different Bands**

Ralf Rudersdorfer, OE3RAA

4 pm/Room Liechtenstein
**Informal IARU-Meeting
(invited guests only)**

Jörg Jährig, DJ3HW

LECTURES

12 am/Room Schweiz
**Future Devellopments of
D-Star and Digital Voice**

Jochen Berns, DL1YBL

12 am/Room Österreich
WebCMS

Georg Keller, DL4YDE

12 am/Room Liechtenstein
Measurements with the VNA

Bodo Scholz, DJ9CS

1 pm/Room Berlin
**Contest University (1) for
Newcomer and Climber**

Michael Höding, DL6MHW

2 pm/Room Liechtenstein
Training Courses in Hessen

Annette Coenen, DL6SAK



**2 pm/Room Österreich
Software Defined Radio for
Ham Radio - An Introduction
in SDR-Hardware and Software
PowerSDR™**

Klaus Lohmann, DK7XL

**2 pm/Room Rom
Internalized Misinterpretations
of Action on Antennas**

Prof. Dr. Alexander Neidenoff,
DK4JN



**4 pm/Room Schweiz
European Balloon Project
(in engl.)**

Michael Matthes, DL2SEK



**4 pm/Room Rom
SDR Transceiver „FA-SDR-TRX“**

Bodo Scholz, DJ9CS

**4 pm/Room Österreich
Equipment in the Real
Electromagnetic World**

Ulfried Ueberschar, DJ6AN

**4.30 pm/Hall A2, Room 1
Legal Aspects in Antenna
Construction**

Christina Hildebrandt, DO1JUR

CONTESTS

**8-10 am/Outside
Arrival Contest (0600-0800 UTC)**

Franz Berndt, DL9GFB

■ SATURDAY, 26th JUNE 2010

EXAMS

**10 am/Administrative Building
US Licence Test (in engl.)**

Mitch Wolfson, DJ0QN

**2 pm/Room Rom
German Amateur License
Exam Class A and E**

Hans Bächle, BNetzA

MEETINGS

**10 am/Hall B1
DOK-Meeting and
UKW-QSO Party**

Karl-Maria Heimberg, DD4NC
Karsten Radwan, DL2ABM

**10 am/Room London
German DX-Foundation,
General Meeting**

Franz Langner, DJ9ZB

**12 am/Room London
IOTA-Forum (in germ./engl.)**

IOTA-Committee, RSGB

**1 pm/Administrative Building
VFDB-Members Meeting**

Werner Hennig, DF5DD

**2 pm/Room London
DL0SDR-Meeting**

Klaus Lohmann, DK7XL

**2 pm/Room Schwarzwald
AFM Members Meeting
(invited guests only)**

Dr. Christof Rohner, DL7TZ

**2 pm/Hall A2, Room 1
YL-Meeting**

Anette Sawatzki, DL7GAS

**3 pm/Hall A2, Room 2
DX-Forum (in germ./engl.)**

Enrico Stumpf-Siering, DL2VFR

**4.30 pm/Administrative Building
Terahertz Operation at
Lake Constance**

Peter Greil, DL7UHU

LECTURES

**10 am/Room Schweiz
40 Years of Monitoring Service
- Join!**

Ulrich Bihlmayer, DJ9KR

**10 am/Hall A2, Room 2
Antenna Engineering Today**

Heinz Bolli, HB9KOF

**10 am/Room Berlin
Remote - SDR**

Prof. Dr.-Ing. Harald Gerlach,
DL2SAX

**10 am/Room Schweiz
40 Years of Monitoring Service
- Detection of Digital Intruders**

Wolf Hadel, DK2OM

**10 am/Hall A2, Room 3
Ham Radio abroad - What is
possible and what not**

Thomas Wrede, DF2OO

**10 am/Room Österreich
HF/Technik-Committee
informs: WRC 2012
Preparation, LW/MW
Experiments, Solar Cycle**

Ulrich Müller, DK4VW

**11 am/Room Liechtenstein
Monitoring of D-Star-Gateways**

Andreas Nolte, DB5ZQ

**12 am/Room Paris
DARC and New Embedded
Communication Systems**

Jochen Berns, DL1YBL

**12 am/Room Schweiz
Radio Austria International
Listeners' Meeting, Meeting of
Friends of QSL Collection**

Wolf Harranth, OE1WHC

**12 am/Hall A2, Room 2
Contest University (2)
Contestforum**

Helmut Heinz, DK6WL

**12 am/Hall A2, Room 3
Extreme Radio-Station VE6JY
(in engl.)**

Thomas Mitchell, VE6OH
Don Moman, VE6JY

**12 am/Room Rom
Denosing - Workshop for the
Advanced Learner**

Prof. Dr. Alexander Neidenoff,
DK4JN

**12 am/Room Berlin
E4ALL**

Simon Schelkshorn, DJ4MZ

**12 am/Room Liechtenstein
Long-Yagis for VHF/UHF -
New Matching Concepts**

Martin Steyer, DK7ZB

**1 pm/Room Berlin
IT-Services**

Simon Schelkshorn, DJ4MZ
Georg Keller, DL4YDE



**1 pm/Room Österreich
„Solf 2009“ a New Allmode
Allband Kit**

Peter Zenker, DL2FI

**2 pm/Room Liechtenstein
SAM Simple Aurora Monitor**

Dr.-Ing. Karsten Hansky, DL3HRT

**2 pm/Hall A2, Room 3
Amateurradio in 5m/2m on
Germany during the Period
1920 - 1970**

Gerard Hoyer, DJ1GE

**2 pm/Room Schweiz
Emergency Communication
Forum**

Werner Rinke, DK1WER

**4 pm/Room Österreich
D-Star for Beginners**

Jochen Berns, DL1YBL

**4 pm/Room Liechtenstein
PLT in Standardization**

Thilo Kootz, DL9KCE

**4 pm/Room Schweiz
WSPR: Slow, Low Key and
yet Further**

Klaus Korn, DJ6LB



**4 pm/Hall A2, Room 3
Advantages of Being a DARC
Member**

Mitch Wolfson, DJ0QN

**5 pm/Room Liechtenstein
Campain against PLT**

Martin Köhler, DL1DCT

■ **SUNDAY, 27th JUNE 2010**

LECTURES

**10 am/Room Schweiz
Radio Lobby Work**

Hans-Jürgen Bartels, DL1YFF

**10 am/Room Rom
Noise - Myths and Facts**

Prof. Dr. Alexander Neidenoff,
DK4JN

CONTESTS

**8 am/outsideAmateurradio-
Direction-Finding-Competition**

Wolfgang Böhringer, DL9TE

**8-12 am/Outside
Arrival Contest (0600-1000 UTC)**

Joachim Schulenburg, DB9PS





Organizer

Messe Friedrichshafen GmbH
Neue Messe 1
88046 Friedrichshafen
www.messe-friedrichshafen.de

HAM RADIO 2010

Brief information



Patronized by

Deutscher Amateur-Radio-Club e. V.
DARC
Lindenallee 4
34225 Baunatal
www.darc.de

Dates

Friday, 25th June to
Sunday, 27th June 2010

Opening hours

Friday and Saturday
from 9 am to 6 pm
Sunday from 9 am to 3 pm

Exhibition

Approx. 170 exhibitors from
30 countries in the halls
Rothaus Hall/A1, A2, A3, A4, (A5)

Showing

HAM RADIO

Rothaus Hall/A1: Radio units,
measuring devices, aerials, extra
devices, electro-technology

HAMtronic

Rothaus Hall/A1: electronics,
hardware, software, accessories

Clubs, Associations

Rothaus Hall/A1: Clubs,
Associations, Services

HAM Flea market

Hall A3, A4, (A5)

Supporting program

61st Lake Constance Meeting of
DARC with extensive lecture program
and meetings on all three days.

HAM NIGHT on Saturday, 26th June
2010 on the Open Air Grounds.

Ticket prices

Day ticket	8,00 €
3-day ticket	15,00 €

Reduced price day ticket	6,50 €
Reduced price 3-day ticket	13,00 €
Reduced for schoolchildren, students, senior citizens, disabled persons, military and social service conscripts with ID)	

Children below 12 years	free
Youths 12 to 18 years	4,00 €
Groups from 20 persons (per person)	6,50 €

Catalogue prices	1,50 €
Parking ticket/per day	3,00 €

P Ost 2 -

Parking spaces for campers

from Monday, 21st June, 7am

21st -27th June 2010	47,00 €*
23rd -27th June 2010	37,00 €*
25th -27th June 2010	32,00 €*

* incl. driver and one co-driver -

further persons pay

21st -27th June 2010	25,00 €
23rd -27th June 2010	20,00 €
25th -27th June 2010	15,00 €

HAM CAMP for persons up to
27 years, registrations at
hamcamp@darc.de

www.hamradio-friedrichshafen.com