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CARE
Coordinating the Antenna Research in Europe

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VCE CARE section online

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Abstract

The CARE Antenna Virtual Centre has been developed and deployed inside the European portal of the Antenna Research, at www.antennasvce.org.

Keyword List

antenna, website

Document Evolution

Revision	Date	Reason of change
Rev. 1.0	30 September 2010	First Edition

Table of contents

1. FIRST CARE WORKSHOP	4
1.1. THE CARE ANTENNA VIRTUAL CENTRE DEVELOPMENT AND ARCHITECTURE	4
1.2. THE SERVICES PROVIDED BY THE CARE ANTENNA VIRTUAL CENTRE.....	4
2. ANNEX1: CARE IN THE ANTENNASVCE HOMEPAGE.....	5

1. First CARE workshop

1.1. The CARE Antenna Virtual Centre development and architecture

The CARE Antenna Virtual Centre has been developed by ITL and deployed as part of the ACE VCE portal at www.antennasvce.org.

The Antenna Virtual Centre development took benefit from the latest Internet technologies (Web 2.0, Java J2EE, XML, JSP/ASP) applied during the design and the implementation of the portal software.

Security issues have been taken into account, to avoid intrusions on confidential information, by the adoption of a secured access based on Username and Password mechanism.

The architecture of the Antennas Virtual Centre of Excellence has been conceived in order to support the researchers secondments, the CARE events, the Antenna Training Program and the dissemination of the CARE results. This structure will allow an easy upload of the antenna related information, including the latest news in antenna technology, scientific events, books advices, conferences, etc. in order to keep the European excellence on antenna research at the highest levels.

1.2. The services provided by the CARE Antenna Virtual Centre

Once entered in the CARE Antenna Virtual Centre, the researcher accesses the CARE virtual room, integrated inside the AntennasVCE portal, able to provide:

- the advertisement of the available CARE secondments for researchers;
- the information for applicants, both hosts and secondees, on CARE secondments;
- a common point of documents and knowledge exchange for the CARE hired researchers;
- a source of knowledge on Antenna Expert Groups and the Antenna Best Practice, with reports posted on this issue;
- the information about the Antenna Training Program courses, in collaboration with the European School of Antennas, with the registration support;
- the advertisement about the CARE workshops and other events;
- the spreading of the CARE results.

It is important to mention that the CARE Antenna Virtual Centre acts at different levels:

- 1) towards the citizen, in order to raise the awareness of the public, by a public set of web pages accessible without password
- 2) towards the scientific community, by distributing the state-of-the-art knowledge, by a dedicated section accessible to the Antenna Scientific Community by Username/Password
- 3) towards the industry, in order to create synergies in the manufacturing chain, by spreading information about brokerage events and potential collaborations across Europe on antenna applications.
- 4) towards the CARE project, in order to improve the teams synergy, by providing a data exchange infrastructure, a meeting management service, a team communication layer, etc.

2. ANNEX1: CARE in the AntennasVCE homepage

The following figure shows the homepage of the European Association on Antennas and Propagation at www.antennasvce.org, where the CARE project has been integrated to give the maximum of visibility to the antenna scientific community.

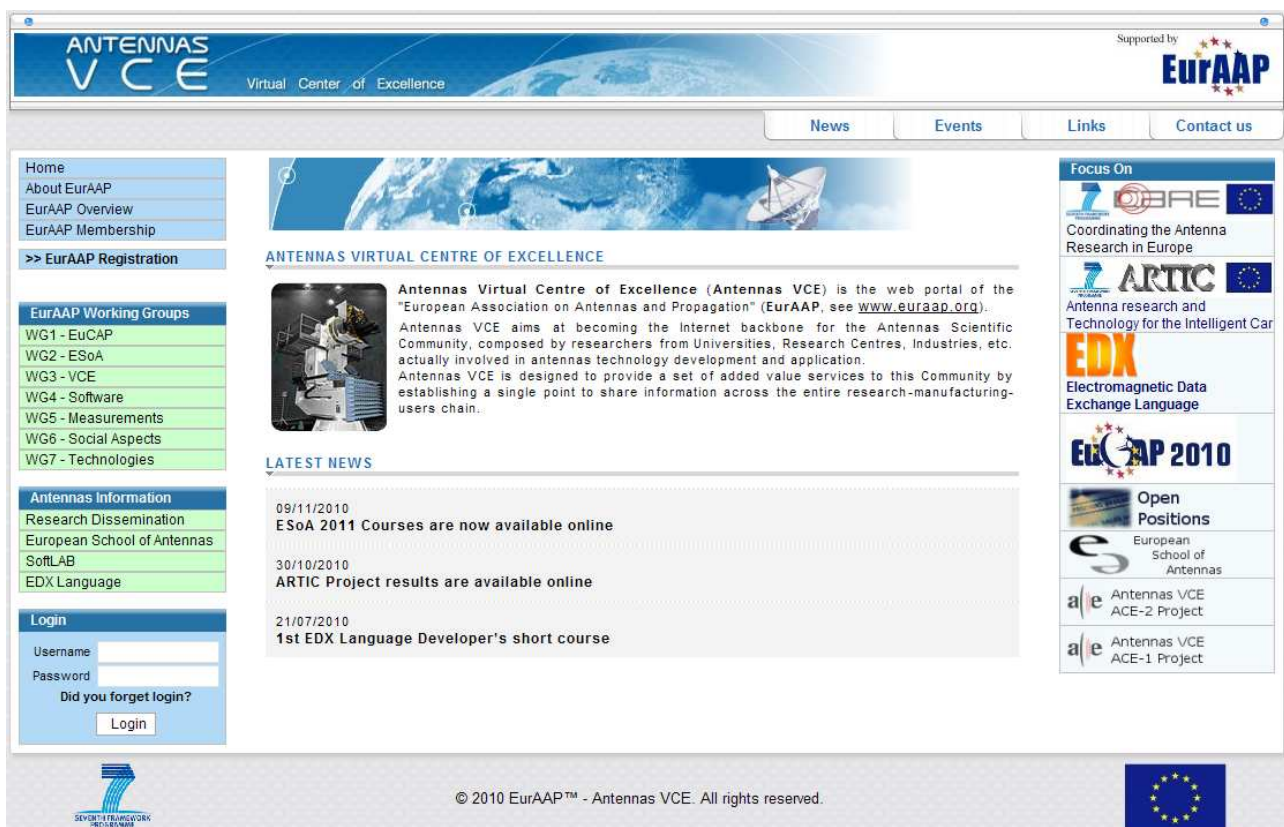


Fig.1 - The AntennasVCE homepage

By clicking on the CARE logo or on the CARE title, both on the right, the public user can access to the CARE project information, subdivided by project Work Packages, as presented in Fig. 2, see next page
A specific section on Secondments is available for applicants and for open positions, where the application forms are available.

Home

About EurAAP

EurAAP Overview

EurAAP Membership

>> EurAAP Registration

EurAAP Working Groups

WG1 - EuCAP

WG2 - ESoA

WG3 - VCE

WG4 - Software

WG5 - Measurements

WG6 - Social Aspects

WG7 - Technologies

Antennas Information

Research Dissemination

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SoftLAB

EDX Language

Login

Username

Password

Did you forget login?

Login

DISSEMINATION - CARE PROJECT

ACE Results ARTIC Project Books **CARE Project** Conferences Journals Open Positions Other Events

Publications

CARE - Coordinating the Antenna Research in Europe

CARE aims at reinforcing the collaboration among the European Institutions involved in antenna research. This pan-European effort, focused on the New Member States, has the objective of improving the European excellence by supporting the cooperation and synergies among Institutions located in different countries.

In particular, CARE will provide:

- 1) coordination of the antenna research in Europe
- 2) early stage researchers secondments
- 3) international workshops
- 4) training courses
- 5) dissemination, by conferences and Internet.

The researchers secondment plays a key role in CARE and is based on appointments carried out at Partners level with a central monitoring provided by the CARE Boards. Each Partner will appoint researchers according to the its antenna research topics and the tutorial capacity of its laboratories, as detailed in the following WP descriptions.


CARE will also support the dissemination of the results within the enlarged Europe, in close cooperation with the European Association on Antennas and Propagation (see www.EurAAP.org).

CARE Consortium


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Focus On

 **EuCAP**


Coordinating the Antenna Research in Europe


 **ARTIC**

Antenna research and Technology for the Intelligent Car

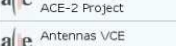
 **EDX**

Electromagnetic Data Exchange Language

 **EuCAP 2010**

 **Open Positions**

European School of Antennas

 **Antennas VCE ACE-2 Project**


 **Antennas VCE ACE-1 Project**

Fig.2 - The CARE section

By accessing the EurAAP portal as EurAAP members, registered at the same portal, a wider set of information is available, i.e. including the papers presented at the EuCAP Conferences.