



FP6-IST Network of Excellence



ACE - Antenna Centre of Excellence



Activity 1.1: Antenna Software Initiative

Objectives

« TOWARDS UNIFIED COOPERATION IN THE FIELD OF EUROPEAN ANTENNA SOFTWARE » BY:

WP1.1-1: IDENTIFYING COMPETENCES AND EXISTING TOOLS IN EUROPE

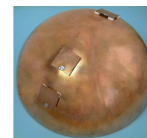
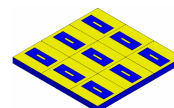
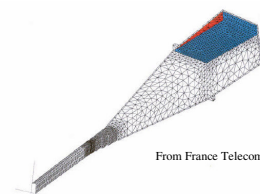
WP1.1-2: ORGANIZING A STANDARD ASSESSMENT PROCESS OF SOFTWARE

WP1.1-3: INITIALIZING INTEGRATING ACTIVITIES WITH EXISTING TOOLS

Results

- WP 1.1-1:
 - Inventory report describing existing antenna software tools among the ACE partners
- WP 1.1-2:
 - Set of benchmarking structures for antenna software assessment
 - Benchmark outputs for typical test-cases
- WP 1.1-3:
 - Identification of existing gaps in antenna modelling
 - Definition of «electromagnetic data interface »
 - Creating appropriate research boundary conditions for future cooperative projects, for example by setting up an overall modeling framework
 - Demonstration software integration project

Some antenna structures proposed for benchmarking



Participants

IDS Ingegneria dei Sistemi Spa	IDS	I
Katholieke Universiteit Leuven	KUL	B
TICRA Fond	TICRA	DK
France Telecom SA	FT R&D	F
Thales Airborne Systems	TAS	F
Centre National de la Recherche Scientifique	CNRS-LEAT	F
Institut National des Sciences Appliquées	IETR	F
IMST GmbH	IMST	D
Institute of Communication and Computer Systems of the National Technical University of Athens	ICCS/NTUA	GR
Politecnico di Torino	POLITO	I

Universita degli Studi di Roma "La Sapienza"	SAPIENZA	I
Politecnico di Torino	POLITO	I
Universita degli Studi di Firenze	UNIFI	I
Universita degli Studi di Siena	UNISI	I
Universidad Politecnica de Catalunya	UPC	E
Universidad Politecnica de Madrid	UPM	E
Universidad Politecnica de Valencia	UPV	E
Chalmers Tekniska Högskola AB	Chalmers	S
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