Abstract: During this first year, the dissemination activity has mainly consisted in the publication of papers at the conferences whose scope includes the technical area of the project and the participation in the organization of special events. In the second year, simulation results will become available and the demonstration will take shape. This will give opportunities for additional forms of dissemination, particularly through the website.
1 INTRODUCTION

This document describes the actions of dissemination taken by the phydyas project members during the first year.

List of partners:

<table>
<thead>
<tr>
<th>Beneficiary Number</th>
<th>Beneficiary name</th>
<th>Beneficiary short name</th>
<th>Country</th>
</tr>
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<tbody>
<tr>
<td>1 (coordinator)</td>
<td>Conservatoire National des Arts et Métiers</td>
<td>CNAM</td>
<td>France</td>
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<tr>
<td>2</td>
<td>Technische Universität München</td>
<td>TUM</td>
<td>Germany</td>
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<tr>
<td>3</td>
<td>Tampere University of Technology</td>
<td>TUT</td>
<td>Finland</td>
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<tr>
<td>4</td>
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<td>UCL</td>
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<td>5</td>
<td>SINTEF - Trondheim</td>
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<td>Norway</td>
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<tr>
<td>6</td>
<td>Centre Tecnologic de Telecomunicaciones de Catalunya</td>
<td>CTTC</td>
<td>Spain</td>
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<tr>
<td>7</td>
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<td>RA-CTI</td>
<td>Greece</td>
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<td>University of Napoli Federico II</td>
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<td>France</td>
</tr>
</tbody>
</table>

The dissemination activities have consisted in the presentation of papers at conferences, the participation to the organization of special events, a proposal for a journal special issue and the contribution to the work of the FP7-RAS cluster.
2 CONFERENCE PAPERS

The following papers were presented or submitted during the year 2008 by the partners in relation with their work in the project.

**CNAM and TUT**


**CNAM**


**TUM**


**TUT**


CTTC


UNINA

T. Fusco, A. Petrella and M. Tanda, “Preamble based CFO estimation in multiuser OFDM/OQAM systems”, submitted SPAWC’09


ALUK

3 SPECIAL EVENTS

Invited session at ISCCSP’2008

Partner TUT organized an invited session entitled “Filter banks for flexible and spectrally agile signal processing for future wireless communications” at the conference ISCCSP’2008 which was held in Malta, on March 12-14. Speakers from the FP6 URANUS project and from France Telecom participated.

Panel session at ISWPC’2008

Partner CNAM had been invited to a panel session at the conference ISWPC’2008 (wireless pervasive computing) on May 7-9. It was an opportunity to present the objectives of Phydyas. Several partners were represented at this conference.

Organizing committee of CROWNCOM’2009

Recognizing the relevance of the project with the scope of the conference (4th international conference on cognitive radio oriented wireless networks and communications), the conference organizers invited the coordinator to join the team, as a tutorial chair.

Phydyas workshop- 21 June 2009

The project workshop will take place at Perugia, Italy, on 21 June 2009, in connection with the IEEE SPAWC conference, scheduled on 22-24 June 2009. The workshop will consist of talks delivered by project partners and invited presentations by renowned scientists in the field of advanced wireless techniques. It will be concluded by a panel discussion and followed by a cocktail organized jointly with the SPAWC conference, to foster discussions and exchanges. The SPAWC conference is a medium size event, typically 200 participants, which usually attracts the top researchers and designers in the area of techniques and algorithms for the physical and medium access control layer in wireless systems. The papers published on this occasion have a major impact in the scientific community.

ICT-Mobile Summit 2009

The project coordinator is a member of the technical program committee of the conference. Two papers have been proposed for the conference by CNAM and TUT and by ALUK. Most of the partners have expressed their willingness to attend the event.
Participation at the activities of the FP7-RAS cluster

The project participates in the activities of the FP7-RAS cluster, particularly in the group SEG (spectrum and enablers group).

On behalf of the project, two presentations will be given at the ICT-preconference workshop, organized by RAS/SEG on Tuesday 9 June at Santander, Spain.

4 Special issue of the EURASIP journal on advances in signal processing

A special issue of the journal has been proposed and accepted, with the title: "Filter banks for flexible communication waveform generation and signal processing". M. Renfors (TUT) and F. Bader (CTTC) are among the 5 guest editors. The publication is scheduled for the end of 2009.

5 WEBSITE (http://www.ict-phydyas.org)

The website is an important means of dissemination of the work of the project. It contains information, news and the formal publications of the partners. As soon as they become public, the deliverables will also be available, as well as the results of the simulations and the demonstrations.