WP5 - D5.1 Dissemination: Plans and Update

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Abstract
This report outlines the WP5 deliverable D5.1 and original tasks within this deliverable. A progress update on the tasks and new plans are detailed based on the periodic physical meetings.

Keyword list
Virtual Reality, High Quality / Low Latency, Wireless, OWC, radio transmission, Mac layer, HW implementation
## List of Authors

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## Document History

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<tr>
<th>First name</th>
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<tr>
<td>Ravinder</td>
<td>Singh</td>
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<td>Dominic</td>
<td>O’Brien</td>
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List of Acronyms

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<thead>
<tr>
<th>Acronym</th>
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<tr>
<td>BB</td>
<td>Base Band</td>
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<tr>
<td>DFE</td>
<td>Digital Front End</td>
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<td>HMD</td>
<td>Head Mounted Display</td>
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<td>OWC</td>
<td>Optical Wireless Communication</td>
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<td>RF</td>
<td>Radio Frequency</td>
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<td>VR</td>
<td>Virtual Reality</td>
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<tr>
<td>WORTECS</td>
<td>Wireless Optical/Radio TErabit CommunicationS</td>
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D5.1 – Dissemination (Lead: ULP)

A detailed plan describing the designated dissemination activities of the single partners in the WORTECS consortium.

Dissemination 2017-2018

Dissemination in period 1 from the project was as shown in the table below.

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>conference/magazine/journal</th>
<th>Related WP</th>
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<tr>
<td>Terabit per Second Optical Wireless Links for Virtual Reality Technology</td>
<td>Olivier Bouchet, Marc Lanoiselée, Dominic O’Brien, Ravinder Singh, Mir Ghoraishi, Rafael Perez, Victor Guerra, Suat Topsu, and Jorge Garcia-Marquez</td>
<td>SPIE Optics and Photonics Conference 2018</td>
<td>WP3/ WP4</td>
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<tr>
<td>Spatial Interpolation of Optical Wireless Impulse Responses</td>
<td>Victor Guerra, Julio Rufo, Jose Rabadan, and Rafael Perez-Jimenez</td>
<td>CSNDSP 2018</td>
<td>WP3/ WP4</td>
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Dissemination plans for 2018-19 (Yr 2)

Conferences where arrangements/paper submissions are underway

The following conferences are currently targeted:

- Global Lifi Congress & Visible Light Communication: GLC 2019 - Paris - June 12th and 13th, 2019
  - Proposal for WORTECS projects presentation during plenary session: waiting for confirmation
  - Scientific paper waiting for proposal is confirmed. Waiting for schedule and deadline.
- Université Sorbonne Paris I : « les réseaux du futur et le droit » - Autumn 2018
  - Wortecs project, Terabit/s, the stakes / impacts / new services slides proposed
  - Slides sent, waiting for answer
- Congress ForumLED Europe, Congress international technology LED and applications
  - Sent a request for arrangements and status, waiting for answer

Future potential conferences

- EuCNC, 27-30 May 2019, Valencia, Spain
  - Submission DL: 25 Jan 2019
• IRMWW-THz 2019, Paris, France, Sept 1 - 6
• IEEE Globecom 2019, Hawaii, US
  • Submission DL: 1 April 2019

Open Events
WP5 has two open event deliverables-

Open event 1-M26
This will focus on tutorial presentations of the project and the need for Tbit/s data rates for VR and other applications. Technical progress will be reported.

Open Event 1 initial plan

Timetable

1. Project overview – ORA
2. Gbit/s VLC(OWC) – OLED/PLF
3. Tbit/s FWF – UOXF
4. Tbit/s RF - IHP
5. HetNet - IHP
6. Tutorial – ULPGC

Invitations
Academia, Industry

Venue
If possible, this will be Co-located with a larger workshop to ensure good audience attendance. Possibilities are EUCNC (June 2019). In addition, some elements of this might be presented at the EC THz workshop (March 2019) if this is feasible. Options are currently under consideration.

Other activities
WORTECS monitors the ICT-09-2017 cluster calls to ensure dissemination within the cluster of projects.

Dissemination plans for 2019-20 (Yr 3)

Conferences
To be determined

Open event
An open event is planned in M34. This will showcase the demonstrations in optical and RF systems

- End -