### References

## [1] Super-resolution Imaging through High-frequency Subbands Prediction in the Wavelet Domain.

Founding entity: European Space Agency.

Program: ESA Summer of Code in Space (SoCiS) 2019.

Main researchers: Shobhit Patel and García-Sobrino, J.J. and González-Ruiz, V..

Budget: Honorable participation.

From 2019/03/04 until 2019/10/31.

Number of researchers: 3.

Evidences: Implementation at GitHub.

## [2] Improving the Jhelioviewer client using conditional replenishment.

Founding entity: European Space Agency.

Program: ESA Summer of Code in Space (SoCiS) 2019.

Main researchers: Dhiraj Sharma and Sánchez-Hernández, J.J. and González-Ruiz, V..

Budget: Honorable participation.

From 2019/03/04 until 2019/10/31.

Number of researchers: 3.

Evidences: Implementation at GitHub.

#### [3] Development of a tracker of splitters (unfinished).

Founding entity: Google Inc..

Program: Google Summer of Code (GSoC) 2018.

Main researchers: Chakravorty, S. and García-Ortiz, J.P. and Qiao, Y. and González-Ruiz, V..

Budget: \$2.500.

From 2018/04/23 until 2018/08/22.

Evidences: Implementation at GitHub, Certificate of Appreciation (organization administrator), La Voz de Almería.

# [4] WebRTC implementation of a NAT traversal procedure based on port prediction (unfinished).

Founding entity: Google Inc..

Program: Google Summer of Code (GSoC) 2018.

Main researchers: Sahni, P. and González-Ruiz, V. and Casado, L.G..

Budget: \$2.500.

From 2018/04/23 until 2018/08/22.

Evidences: Certificate of Appreciation (organization administrator).

### [5] Implementation of a REST WebService for the P2PSP media sources.

Founding entity: Google Inc..

Program: Google Summer of Code (GSoC) 2017.

Main researchers: Gauniyal, A. and García-Ortiz, J.P. and González-Ruiz,

Budget: \$6.000.

From 2017/06/01 until 2017/08/31.

Evidences: Implementation at GitHub, Project details a the Google Summer of Code Archive (PDF), Certificate of Appreciation (organization administrator).

# [6] Implementation of the End-point Masquerading Set (EMS) of rules of the Peer-to-Peer Straightforward Protocol (P2PSP).

Founding entity: Google Inc..

Program: Google Summer of Code (GSoC) 2016.

Main researchers: Shi, Kevin and Mertens, Max and González-Ruiz, V..

Budget: \$6.000.

From 2016/06/23 until 2016/08/31.

Evidences: Implementation at GitHub, Project details at the Google Summer of Code Archive (PDF), Certificate of Appreciation (mentor).

### [7] GoPro Broadcasting Using P2PSP On Android.

Founding entity: Google Inc..

Program: Google Summer of Code (GSoC) 2016.

Main researchers: Ravi, Sravan and García Salmerón, José Manuel and González-Ruiz, V..

Budget: \$6.000.

From 2016/06/23 until 2016/08/31.

Evidences: Implementation at GitHub, Project details at the Google Summer of Code Archive (PDF), Certificate of Appreciation (mentor).

### [8] NAT traversal via hole punching Set of Rules for P2PSP.

Founding entity: Google Inc..

Program: Google Summer of Code (GSoC) 2015.

Main researchers: Mertens, M. and García-Ortiz, J.P. and González-Ruiz, V..

Budget: \$6.000.

From 2015/05/25 until 2015/08/31.

Evidences: Implementation at GitHub, Project details at The Internet Archive, Project details at The Internet Archive (PDF).

#### [9] The Helioviewer Channel.

Founding entity: European Space Agency.

Program: ESA Summer of Code in Space (SoCiS) 2012.

 ${\it Main\ researchers:}\ {\it K\"o}{\it vesd\'an},$  G. and García-Ortiz, J.P. and González-Ruiz, V

Budget: 4.000 €.

From 2012/06/10 until 2012/10/28.

Number of researchers: 3.

 $\it Evidences:$  Implementation at GitHub.

#### [10] Interactive HD Video Streaming with JPIP.

Founding entity: European Space Agency.

Program: ESA Summer of Code in Space (SoCiS) 2011.

Main researchers: García-Ortiz, J.P. and González-Ruiz, V. and Sánchez-

Hernández, J.J..  $Budget: 3.000 \in$ .

From 2011/07/01 until 2011/10/30.

Number of researchers: 3.

Evidences: JHelioviewer - JPEG2000 Visualization Software, ESA JPIP

Server.

# [11] Codificación eficiente de imágenes DICOM y TRANSCODING de secuencias de video MPEG.

Founding entity: Junta de Andalucía. Consejería de Educación y Ciencia. Main researchers: Inmaculada García Fernández.

Budget: 6.000 €.

From 2004/04/01 until 2005/12/31.

 $Number\ of\ researchers{:}\ 4.$