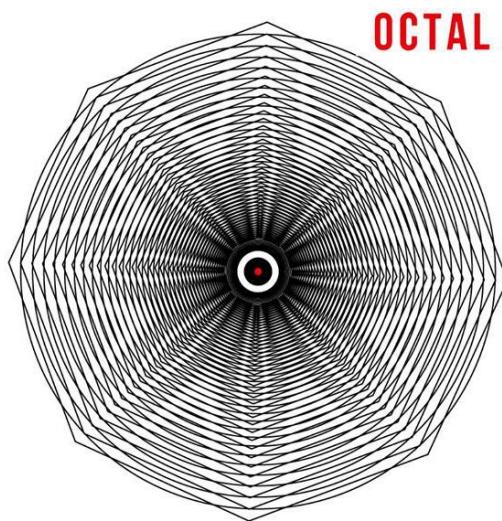


Liqen-Octal Project

Activities Report



This logo was an outcome from the chilean trip. A design student from Universidad Católica created as a volunteer work (donation) for Octal.

During april 2017 Liqen/Octal project through one of his team members (Cristian Hernández), was invited to a series of activities in Chile¹ related to promote Stars4All program, and to conduct four workshops about methods and tools to develop a citizen science project, particularly focused on how using an open and collaborative approach a community of people could be able to achieve research aims, working together based on a kit of useful programming and software tools to collect, process and visualize open data.

As a team we believe that to create networks with Chilean professionals, organizations and citizens represents a good opportunity to expand Stars4All project to new participants, due the relevance for global astronomy that Chile represents. Particularly for Liqen/Octal project, this visit was also a chance to increase our volunteer network, which will allow us to accomplish in a better way our goals, and even let us think to go further in our final outcomes.

The methodology that we use to introduce ourselves to Chilean community, it was through offering workshops where we showed to the participants a real citizen science scenario, where the process started with a open research question, followed by an introductory programming course, then finishing with a visualization of the results. The entire workshop can be visited and downloaded on Github². Using this approach we were able to conduct four workshops in universities and professional institutes.

Those experiences gave us the opportunity to add to our project on different roles to academics and professionals from Chile, such as Guillermo Blanc³ (Astronomer), Ricardo Vega⁴ (Designer), Carolina Carrasco⁵ (Architect). Also, we created networks with organizations which are open to collaborate with us on different stages of the project, such as "Instituto de la Vivienda, Universidad de Chile" (Institute of Housing, University of Chile), FabLab UC (Digital printing laboratory from Universidad Católica PUC), and the Chilean Astronomical Society (SOCHIAS).

Besides the outcome of improving our network and our volunteers community, the Chilean trip was an space to design and test a method to outreach a citizen science project as Liqen/Octal to a general audience, offering workshops which are a mix between training and an invitation to be part of the project itself. It does mean that at the same time we are communicating the aims of Liqen/Octal we are giving training in citizen science and programming, also we are opening invitations to whom want to be

¹ Document attached - 'invitations.pdf'

² <https://github.com/crishernandezmaps/taller-octal>

³ <http://www.cata.cl/investigador.php?id=106>

⁴ <http://diseno.uc.cl/persona/ricardo-vega/>

⁵ <http://www.espacioludico.org>

part of the project. We believe that our experience might be useful for others LPI's with similar goals, in that sense in Liqen/Octal we are more than happy to share our experience designing this kind of activities with other teams from Stars4All.



Faculty of Urbanism University of Chile (FAU), promoting Octal Workshop, Chile 2017.



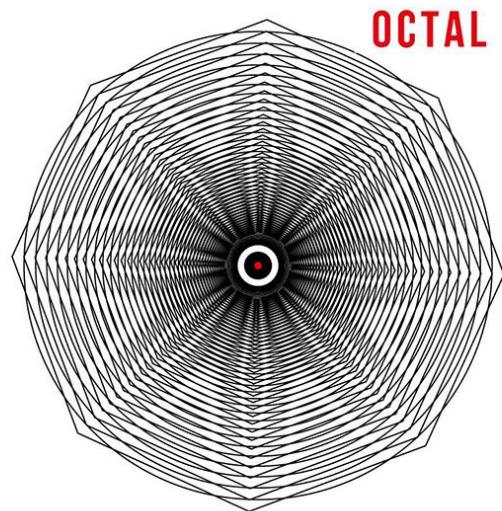
Cristian Hernández conducting workshop in FAU, Chile 2017.



Cristian Hernández conducting workshop in DUOC UC, Chile 2017.

WORKSHOP
Captura y procesamiento
de datos en el contexto
de la Ciencia Ciudadana

SAB. 08. ABR
10 HRS
AUDITORIO SUR
FADEU



CONVOCÀ



PONTIFICIA
UNIVERSIDAD
CATÓLICA
DE CHILE

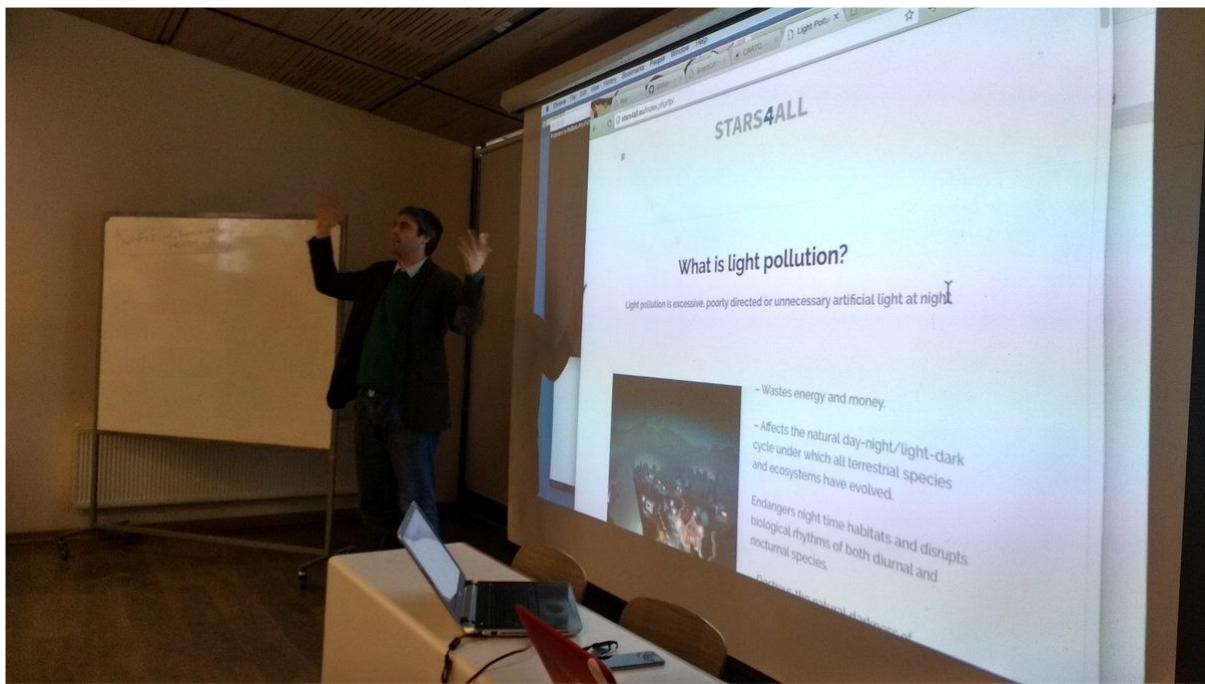
DISEÑO|UC
Facultad de Arquitectura, Diseño y
Escuela de Diseño



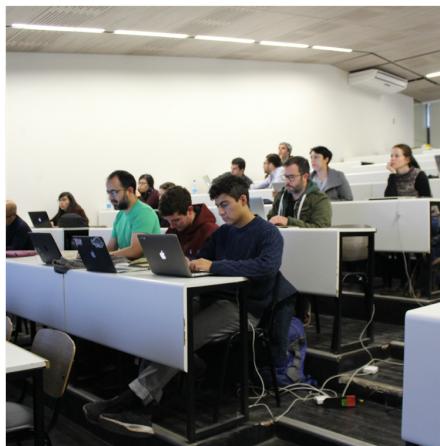
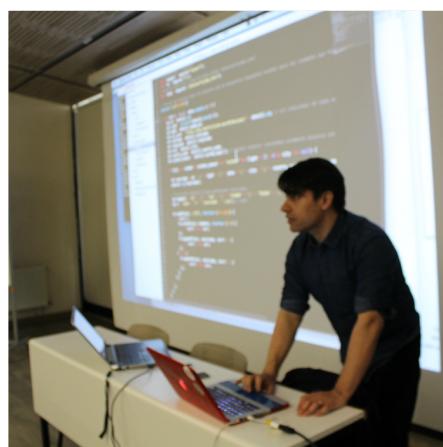
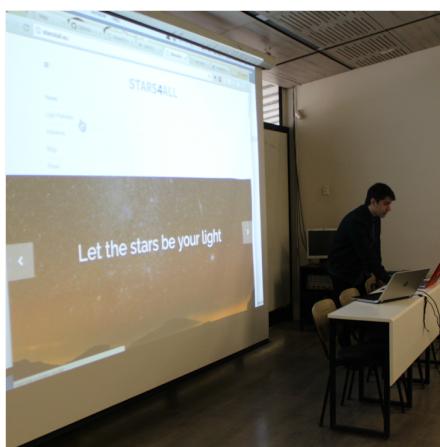
ORGANIZAN



*Faculty of Design and Urbanism (FADEU) Pontifical Catholic University of Chile (PUC UC), promoting Octal
Workshop, Chile 2017.*



Astronomer Guillermo Blanc talking about light pollution in workshop FADEU, Chile 2017.



Images from Liqen/Octal workshop in FADEU, Chile 2017.

A handwritten signature in black ink, appearing to read "CHM".

Cristian Hernández Milla
Liqen/Octal Project
<https://crishernandezmaps.github.io/octal/>
London, 2017