



Inria
INVENTEURS DU MONDE NUMÉRIQUE



Inria @ Silicon Valley

Since 2011

siliconvalley@inria.fr

Inria

<https://project.inria.fr/siliconvalley/>

March 2017

Inria@SiliconValley program



Program launched in 2011 by Inria in cooperation with CITRIS

- MOU between CITRIS and Inria [2010-2015]
- Formal hosting by CITRIS since 2016

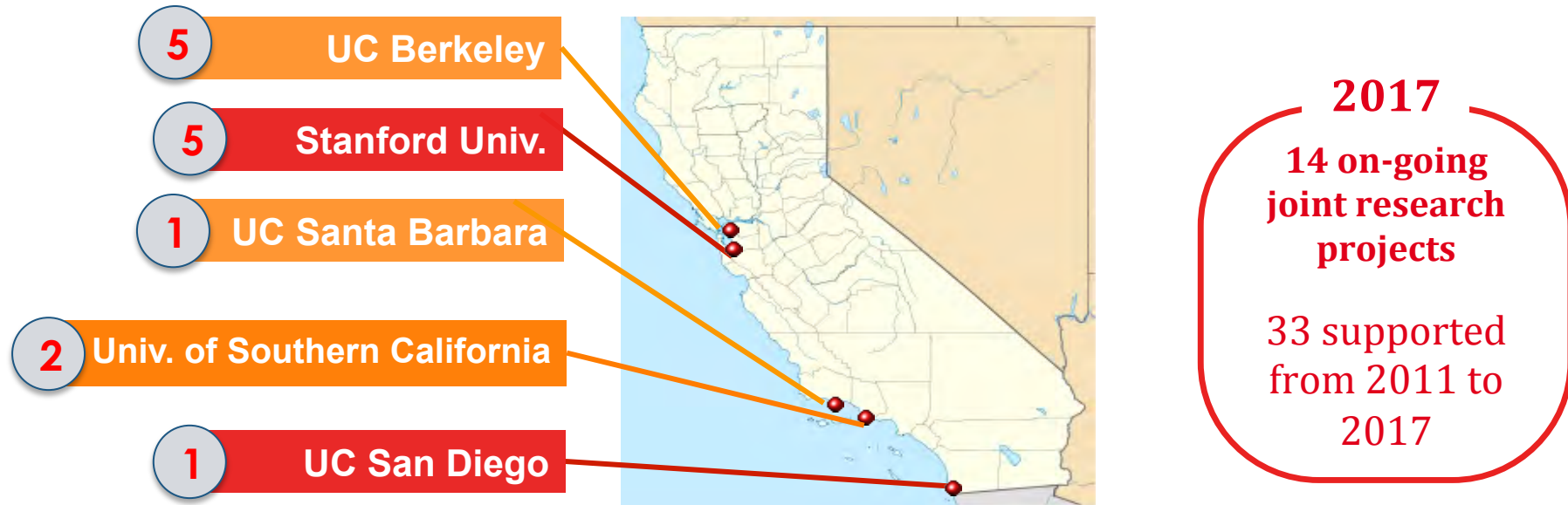
Stated Objectives since Creation

- Strengthen and structure existing collaborations between Inria research teams and California universities to improve their visibility and impact.
- Create and support new innovative projects with complementary competences, addressing scientific challenges of the digital society.

Supporting Inria Programs & Resources

- Funding collaborative research projects within the Associated teams annual call
- An Inria senior researcher as scientific coordinator based full-time in California
- A Post-doc program
- Exchanges of visits of junior and senior researchers, faculty members, and graduate students
- Joint workshops : Annual *Inria@SiliconValley* workshop (BIS) alternatively in California and in France.

Joint research projects : Inria Associate Teams program (2017)



- Annual call for joint research project between an Inria project-team and a research team abroad (open in July with deadline in September)
- Supports scientific activities for 3 years (renewable once for 3 more years)
- 30-50K€ total funding per project
- Since 2016, possibility to couple with CITRIS seed funding

14 On-going joint projects in 2017

RED
• 2 New Projects started in 2017

Computing and communication for the Future Internet

- **COMPOSITE**
- DALHIS
- DECibel
- DIVERSITY
- REALMS

Content and Supporting Learning Technologies

- GeomStats
- LargeBrainNets
- LEGO
- MetaMRI
- SNOWBALL

New Computation and Data Analysis Approaches

- FASTLA
- GOAL
- **Num4SEP**
- ORESTE

Exchange Programs (2017)

Inria Internships program for Masters or PhD students

- A 2 to 6 month visit in an Inria team
- Stipend to contribute to living expenses in France.
- Possible grants from the French Embassy (Chateaubriand Fellowship Program in partnership with Inria)

Post-doctoral positions

- 1-5 post-doctoral positions dedicated to Inria@SiliconValley each year
- 22 Inria@SiliconValley post-doctoral fellows since 2011
- 1 in 2015-16, 2 in 2016-17

Inria International Chairs

- Long visits (12 months over 5 years) of world-class researchers at Inria research teams
- 5 Chair holders from California Institution since 2013





Exchange Programs (2017)

Sabbatical visits

- Inria Senior scientists from spending 6 to 12 months in a California research Team
- 7 sabbatical visits since 2011
- An Inria senior researcher in charge of animating and coordinating the program

Junior scientist short visits

- Since 2011 : 3 Junior scientists from Inria spent 1 to 3 months in a California research Team



Inria@SiliconValley annual workshops : Getting Together & Nurturing

Objectives

- Present the current state of scientific collaborations
- Think about proposals for future ambitious joint projects
- One-day open conference since 2014 for broader visibility



**Save the date: BIS'2017 in Berkeley at CITRIS and the Banatao Institute
(June 8-9, 2017)**

The Inria@SiliconValley One-Day Open Conference since 2014



2014
Toward
smarter cities

2015
Data
ownership

WHO OWNS THE
DATA?
An International Conference on Digital Assets, Data Philanthropy, and Public Benefit

A banner with a teal top section containing the text 'WHO OWNS THE' and an orange bottom section containing 'DATA?' in a stylized font of white dots and lines. Below the orange section is a teal bar with the text 'An International Conference on Digital Assets, Data Philanthropy, and Public Benefit'.

International conference on
**Digital sciences and
technologies for health**
June 10, 2016 - Paris

FUTUR
EN
SEINE
LE FESTIVAL DU NUMÉRIQUE

Inria
INVENTEURS DU MONDE NUMÉRIQUE

A banner for a conference. On the left, text reads 'International conference on Digital sciences and technologies for health June 10, 2016 - Paris'. In the center is a stylized brain graphic made of blue and red nodes. On the right are logos for 'FUTUR EN SEINE LE FESTIVAL DU NUMÉRIQUE' and 'Inria INVENTEURS DU MONDE NUMÉRIQUE'.

2016
Digital for
Health

 Inria@SiliconValley Collaborations :
Toward Smarter Cities... since 2014



CityLab: Engaging Citizens for Smarter Cities

Inria@SiliconValley Collaborations : SV ... Bay Area ... California

Ming Hsieh Institute
Ming Hsieh Department of Electrical Engineering

USC Viterbi
School of Engineering

Inria
INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE

ANRG

US-Europe Invited Workshop on
Next-Generation Internet of Things

March 31 – April 1, 2016
Los Angeles, CA, USA



Inria

 Inria@SiliconValley Collaborations
Research & Innovation / EU-US Collaborations



2014 Targetting Research & Innovation collaborations



2016

Support from the EU EIT Digital organisation for transatlantic innovation activities on Digital Cities

Inria@SiliconValley

Science meets Innovation

30 years OF CREATING START-UPS



47 More Unicorn Startups in Silicon Valley (non-IPO)

U B E R airbnb slack

lyft Dropbox Pinterest



Understanding & Connecting with the Eco-system by Liaising with Relevant FR & EU Initiatives

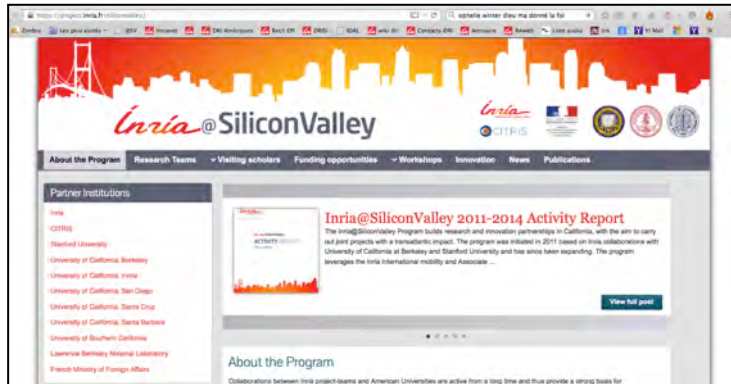


2014-2015

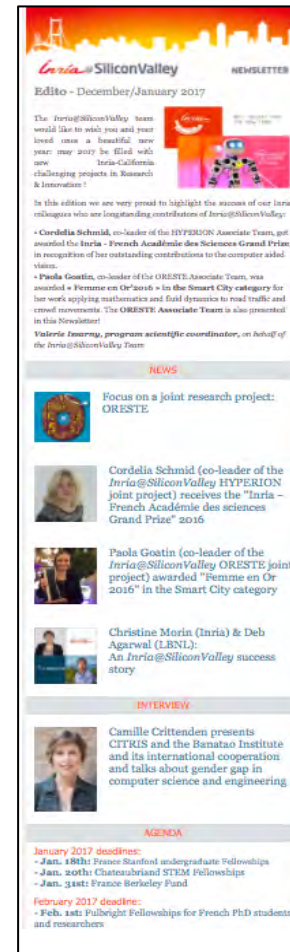


2016

Inria@SiliconValley Networking & Communication



Website: <https://project.inria.fr/siliconvalley>



Newsletter



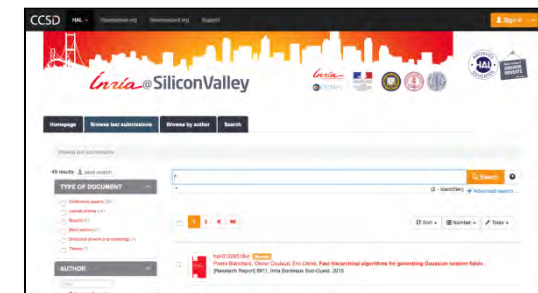
2011-2014 Activity Report



Flyer



Annual workshop



INRIA-SILICONVALLEY
HAL collection



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CITRIS – Inria CityLab Initiative

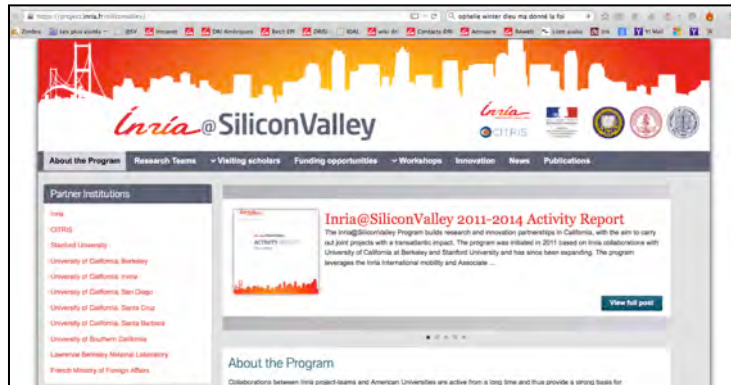


Relying on

- CITRIS Cities Initiative
- Inria interest on ICT subjects towards enabling sustainable cities
- Paris – San Francisco MOU on sister cities relationship
- Interest of SME and industry

Develop a CityLab partnership to develop and demonstrate smart cities technologies in Paris and San Francisco

Inria@SiliconValley: communication



Website



Newsletter



2011-2014 Activity Report



Flyer



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Thank you for your attention!

<https://project.inria.fr/siliconvalley>



Contact: siliconvalley@inria.fr