Activity Report 2016

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7.3. Popularization

Afaf Saaidi participated to the Ma thèse en trois minute contest, and won the best poster award at the Journées de l'école doctoral Interfaces of Paris Saclay University.
AVIZ Project-Team

9.3. Popularization

- Pierre Dragicevic and Yvonne Jansen: the Curated List of Physical Visualizations is continuously being updated.
- Petra Isenberg, Tobias Isenberg, and collaborators published an open dataset of IEEE VIS publications at http://vispubdata.org
- Petra Isenberg, Tobias Isenberg, and collaborators published an online tool to explore keywords of the IEEE Visualization conference at http://keyvis.org
- Mathieu Le Goc and Zooids co-authors: Material for Zooids.
CEDAR Team

9.3. Popularization

- M. Thomazo has presented a game based on RDF graphs and social networks as part of Fête de la Science in Inria Saclay, in October.

- The ANR ContentCheck project on content management techniques for journalistic fact-checking has attracted news attention in a series of general-audience articles published by Ouest France, Le Devoir (Canada), Rue89, Le Monde, Inria and CNRS, among others:
  - http://www.inria.fr/centre/saclay/actualites/un-logiciel-de-fact-checking-pour-comprendre-le-monde-qui-nous-entoure
  - https://lejournal.cnrs.fr/articles/un-logiciel-qui-decrypte-la-politique

The project has also lead to an interview by Science Po students studying in the Communication Master of the school, around automated fact-checking topics: https://inciviveritas.wordpress.com/menu-page/lautomatisation-du-fact-checking/.
COMETE Project-Team (section vide)
10.3. Popularization

9.3. Popularization

For the last couple of years, Serge Abiteboul has initiated and is coordinating an invited blog for Le Monde newspaper, namely Binaire, http://binaire.blog.lemonde.fr. He is the initiator of “The Cabale Informatique de France”, a joint action between the Société Informatique de France and Wikipédia France to improve the quality of Wikipédia pages about Computer Science in France. He organized a Workshop Initiation to Wikipedia in Poitiers.

Serge Abiteboul is Scientific curator of the exhibit "Terra Data" at Cité des Sciences de La Villette, 2017. He is member of the editorial board of Les big data à découvrir, directed Mokrane Bouzeghoub and Rémy Mosseri. He gave invited talks at La Pépinière 4.1 in Nancy, Rencontres du Numérique of ANR, Parole Publique, Sciences à Coeur at Sorbonne Univ., Espace Mendes France at Poitiers.

Serge Abiteboul is Chairman of the Executive Council of the Foundation Blaise Pascal for the promotion of Maths and Computer Science.
DATASHAPE Team (section vide)
DEDUCTEAM Team (section vide)
DEFI Project-Team (section vide)
DISCO Project-Team (section vide)
EX-SITU Team

10.3. Popularization

Organisation d’une Journée d’étude, 15 April 2016 @ ENSCI La fabrique des outils, concevoir et pratiquer les logiciels de design: Nolwenn Maudet

BeyondLab, 10 February 2016 Meet-up sur les nouvelles interfaces: Sarah Fdili Alaoui, Michel Beaudouin-Lafon, Wendy Mackay, and Theophanis Tsandilas


ACM UIST Demonstration, “Expressive Keyboards”, Jessalyn Alvina

ACM UIST Demonstration, “StickyLines”, Marianela Ciolfi

ACM UIST Demonstration, “Stretchis”, Michael Wessely

ACM UIST Demonstration, “UIST Video Playlist”, Carla Griggio

ACM “HCI Pioneers”, Michel Beaudouin-Lafon, Wendy Mackay
GALEN Project-Team (section vide)
GAMMA3 Project-Team (section vide)
9.3. Popularization

Ugo Boscain gave a concert-seminar at the event “Musique & Mathématiques 2016”, Besançon, November 2016.
10.3. Popularization

- At the occasion of Nokia Bell Labs Future X-Days, September 2016, D. Augot, N. Coxon and F. Levy-dit-Vehel demoed N. Coxon’s implementation of a code based private information retrieval scheme.
- D. Augot made a two hours lecture on bitcoin to the French institut des actuaires.
10.3. Popularization

9.3. Popularization

- Francisco Padilla and Loïc Dauphin participated to the "Fête de la Science 2016".
9.3. Popularization

François Fages

- wrote a book chapter “AI and Biological Modeling” [17], for an encyclopedic book entitled “A guided tour to Artificial Intelligence Research” to appear next year,
- participated in the Colloque de Cérisy “Sciences du vivant, sciences de l’information”, 20 September 2016, with a conference and an article [18] to appear in a book next year,
- wrote an article for ERCIM news [16],
- and received a schoolgirl for one afternoon in our research team.
M3DISIM Project-Team

9.3. Popularization

D. Chapelle, Debate on “Data sciences and personalized medicine” at Cité des Sciences (also on web-TV), Oct 9th
D. Chapelle, Roundtable in workshop “Mathématiques Oxygène du Numérique” (UPMC, Oct 21st)
9.3. Popularization

- Stefan Haar gave a talk entitled 'Post hoc sed non propter hoc, or: why you should care about causality', in the Seminar@SystemX series of IRT SystemX on September 14, 2016.
9.3. Popularization

9.3.1. Gaël Varoquaux

- Unité ou Café, Inria Saclay Ile de France
- Atelier IHEST Les mots du numérique - 17 novembre

9.3.2. Loïc Estève

Software Carpentry workshops:
- git course at UNIC in Gif-sur-Yvette March 29-30
- helper at "Scientific Programming with Python and Software Engineering Best Practices" workshop, April 28-29 at Télécom Paris
- git course at Proto 204, May 24-25

Mentor at Startup Weekend Artificial Intelligence, November 4-6.

9.3.3. Olivier Grisel

"La tête au carré" radio show on France Inter in January 2016 to share his expertise and opinion on the use and impacts of Big Data and predictive algorithms.

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PARSIFAL Project-Team (section vide)
POEMS Project-Team (section vide)
SELECT Project-Team  (section vide)
SMIS Project-Team

9.3. Popularization

General public (large audience magazines, television, videos):

- "Sur Internet, vos données personnelles valent de l’or", interview of P.Pucheral, Ca m’intéresse, November 2016.
- "Santé connectée, santé partagée", interview of P.Pucheral, Le Point, April 7th 2016.
SPECFUN Project-Team

9.3. Popularization

- Assia Mahboubi has written a paper [8] for the quarterly journal of the Royal Dutch Mathematical Society.
- Alin Bostan has given a talk at the Mathematic Park seminar at IHP, Paris, on January 23rd 2016.
10.3. Popularization

- **Yann Ollivier** coordinated, with IHP, numerous activities for the centenary of Claude Shannon, including a public exhibition at the Musée des Arts et Metiers, a cycle of public conferences, a contest for teachers on the best IT class project, and a workshop on the current state of information theory.

- **Yann Ollivier**, co-organizes the European Union Contest for Young Scientists (science fair for high school students from 30+ countries organized by the European Commission).

- **Aurélien Decelle**, participation to "la fête de la science" animating a presentation of arduino to high school students and families at Inria Turing.

- **Paola Tubaro**, invited talk on "Online social networks and eating disorders", ACT eating disorders association, Nîmes, 5 Feb.; invited talk on "Are we all digital laborers?", Autonomy salon of urban mobility, Paris, 8 Oct.; public interview, "L’économie peut-elle être collaborative? Rencontre avec la sociologue et chercheure Paola Tubaro”, Montréal, 2 Nov.; panelist at the round table "Big data, que fait-on de nos données?”, organized at Museum of civilization, Québec, 3 Nov.; co-animator, workshop on big data in the "International science and society forum" for high school students, Québec, 4-6 Nov.; panelist at the round table "L’économie peut-elle être vraiment collaborative ET sociale et solidaire?”, Ministry of the Economy, Paris, 13 Dec.

- **Paola Tubaro**, training on the digital society and its effects on labor and the economy, for union leaders (CGT, 27 Apr., CFDT, 23 Jun).


- **io.datascience** notable presentations at: CNRS-Inria day *data4ist : exploration et analyse des sources de données pour la recherche et ses environnements* (May 2016) ; Futur en Seine 2016 (Juin 2016) ; DGESIP/MiPINES seminar *Normes et échanges de données : où en est-on ?* (September 2016).
10.3. Popularization

- A. Charguéraud is one of the three organizers of the *Concours Castor informatique* [http://castor-informatique.fr/](http://castor-informatique.fr/). The purpose of the Concours Castor is to introduce pupils (from CM1 to Terminale) to computer sciences. 475,000 teenagers played with the interactive exercises in November 2016.

- S. Boldo is a speaker for a MOOC for computer science teachers. She was also invited to Poitiers in November 2016 to discuss with teachers and present this MOOC.

- S. Boldo was invited to a panel about teaching computer science before university in Besançon in June 2016 during the GDR GPL days.

- During the “Fête de la science” on October 14th to 16th, S. Boldo gave several talks about computer arithmetic to teenagers and F. Faissole run a stand about an introduction to programming with robots.

- S. Boldo and F. Voisin did an introduction to computer science with an activity on computer hardware as a 1-hour extracurricular activity in schools for pupils in CM1-CM2 on October 4th.

10.3. Popularization

- J.P. Quadrat:
  - Webmaster of the site http://www.maxplus.org, dedicated to max-plus algebra.
XPOP Team (section vide)