

Nataliia Bielova

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Nationality: Italian, Ukrainian
Year of birth: 1985
Married, 1 child born in 2014



Education

- 2011 **PhD** in Computer Science, University of Trento, Italy
Date awarded: November 28, 2011
- 2007 **M.Sc. with honors** in Computer Science, Dnipropetrovsk National University, Ukraine
Date awarded: June 29, 2007

Employment

- 2013 - Present Research scientist (**CR**), INRIA Sophia Antipolis, France
- 2018 - 2020 Visiting Professor, University of Trento, Italy
- 2012 - 2013 Post-doc, INRIA Rennes Bretagne Atlantique, France
- 2010 Visiting Scholar, Katholieke Universiteit Leuven, Belgium
- 2009 Visiting Scholar, Carnegie Mellon University, Pittsburgh, USA

Professional activities (a selection)

- 2021 PC Member, IEEE Symposium on Security and Privacy (IEEE S&P)
PC Member, Privacy Enhancing Technologies Symposium (PETs)
- 2020 **Award Co-Chair**, CNIL-INRIA Privacy Award, 4th edition
PC Member, Caspar Bowden Privacy Enhancing Technologies Award
PC Member, Security and Privacy Track of TheWeb Conference (TheWeb)
PC Member, Privacy Enhancing Technologies Symposium (PETs)
External expert for the committee for ANR AAPG 2020 "CE39 - Sécurité Globale et Cybersécurité"
- 2019 PC Member, Privacy Enhancing Technologies Symposium (PETs)
PC Member, IEEE European Symposium on Security and Privacy (IEEE EuroS&P)
PC Member, IEEE Secure Development Conference (IEEE SecDev)
PC Member, NDSS Workshop on Measurements, Attacks, and Defenses for the Web (MADWeb)
- 2018 **PC Chair**, Atelier sur la Protection de la Vie Privée (French workshop on Privacy Protection)
PC Member, IEEE Secure Development Conference (IEEE SecDev)
PC Member, International Conference on Principles of Security and Trust (POST)

Current research group

PhD students

- Imane Fouad on Web tracking measurement (01/2018-, co-advisor: Arnaud Legout)
- Michael Toth on Privacy policies and cookies banners as GDPR consent (12/2019-, co-advisor: Arnaud Legout)

Postdocs

- Ruba Abu-Salma on user studies about Web tracking and GRPR access rights, (02/2020-)
- Cristiana Santos on legal analysis of GDPR consent and dark patterns (03/2020-)

The full list of students, postdocs and interns at <http://www-sop.inria.fr/members/Nataliia.Bielova/students.html>

Publications

The full list of publications can be found at <http://www-sop.inria.fr/members/Nataliia.Bielova/publications.html>.

Current research projects

- 2018 – 2022 ANR JCJC PrivaWeb: Privacy Protection and ePrivacy Compliance for Web Users (**PI**)
- 2020 – 2022 Inria DATA4US Personal DAta TrAnsparency for web USers (**co-PI** with Cedric Lauradoux)
- 2018 – 2021 PIA ANSWER Advanced aNd Secured Web Experience and seaRch (member)
- 2018 – 2020 ADT FingerKit : a Cloud Platform toStudy Browser Fingerprints at Large (member)

Personal grants and scholarships

- 2018 – 2022 Prestigious ANR Jeunes chercheuses/Jeunes chercheurs (ANR JCJC) personal grant
- 2017 – 2021 Prime d'Encadrement Doctoral et de Recherche (PEDR) of Inria
- 2012 - 2013 Personal postdoctoral fellowship in Laboratoire d'Excellence SecCloud – French Government
- 2007 - 2011 Personal grant for PhD studentship *with Best Score among applicants* – Italian Government

Invited talks and seminars (a selection)

- Invited talk on Detection of Web tracking missed by browser extensions at the Mozilla Security Summit, Vienna, Austria, November 2019.
- Keynote at the the Francophone workshop on Privacy Protection “l’Atelier sur la Protection de la Vie Privée” (APVP’18) in Cap-Hornu, France, July 2019.
- Keynote at the Journées scientifique RISE/DS4H of Université Côte d’Azur, France, September 2018
- Tutorial at TheWeb Conference (WWW) on “Web Tracking technologies and protection mechanisms”, April 2018.
- Invited talk at the Transparency of information systems workshop, April 2018.
- Invited talk at the Russian-French Workshop in Big Data and Applications, Higher School of Economics, Moscow, Russia, October 2017.
- Invited talk at the **European Parliament** on “Fingerprinting through Browser Extensions”, June 2017.
- Invited talk at SySoSec seminar (Inria Rennes) on “A Taxonomy of Information Flow Monitors”, May 2017.
- Panel at Runtime Verification Conference on “Hybrid Information Flow Monitoring Against Web Tracking: Future of Runtime Monitoring”, 2013.
- Invited talk at Dagstuhl seminar on “Verifiably Secure Process-Aware Information Systems”, Dagstuhl, August 2013.
- Invited lecture at ENS Bretagne on “Program analysis against Web Tracking”. Bruz, 2013.
- Invited talk at Dagstuhl seminar on “Web Application Security”, Dagstuhl, October 2012.

Complete list of invited talks, lectures and other dissemination of knowledge can be found here: <http://www-sop.inria.fr/members/Nataliia.Bielova/talks.html>

Recent teaching experience

- 2018 – 2020 “**Privacy on the Internet**”, SKEMA Business School, France
Program: Master in Digital Business
Level M2, 15h EDT per year
- 2018 – 2020 “**Security and ethical aspects of data**”, Université Côte d’Azur, France
Program: Master in Data Science
Level M1, 18h EDT per year
- 2018 – 2020 “**Protection de la vie privée dans le monde numérique**”, MOOC
Module of 8 sequences, over 43,000 French-speaking students (as of May 2020)
url: <https://www.fun-mooc.fr/courses/course-v1:inria+41015+session04/about>
- 2018 – 2019 “**Web privacy**”, University of Trento, Italy
Level PhD, 30h EDT per year
- 2015 – 2018 “**Développements d’Applications Réticulaires**”, University Pierre et Marie Curie, Paris, France
Level M2, 15 EDT per year

Complete list of teaching experience can be found here <http://www-sop.inria.fr/members/Nataliia.Bielova/teaching.html>