



## Ayse Alyzée CEYHAN

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### EXPERTISE

#### Security and security technologies:

- Identification and surveillance technologies
- Biometrics
- Critical infrastructure protection
- Illegal use of the cyberspace
- American and European security policies and frameworks
- Border security, airport security, aircraft security.
- Risk and predictive analysis
- Ethical and societal impacts of security technologies
- Privacy, data protection
- Socio-philosophy of technology
- Security R&D

### TEACHINGS

- **Sciences Po Paris (since 1997):**
  - **Security Studies:** Security and Technology, Intelligence and Technology, Theories of Security, Security, Surveillance and Identification.
  - **International Relations:** Theories of International Relations, Sociology of International Relations, World Politics, Conflict Analysis and Regulation.
  - **Philosophy:** Political and Philosophical Issues, Public Philosophy.
  - **Political Science:** Introduction to Political Science, Globalization and Political Science.

### RESEARCH ON SECURITY TECHNOLOGIES

- Dr. Ceyhan has been working on security technologies since 1996. She started her research with several field studies conducted at the **Mexican-American border** where she observed and analyzed the US surveillance, identification and control practices. It is there that she first “encountered” biometric systems adopted by the US Border Patrol to identify and control border crossers. This study enabled her to gain knowledge on the implementation of security technologies and to frame the principal axes of her work on “security, technology and society”.
- Basing on this experience, in 2001 she created at Sciences Po the course **Security, Surveillance and Identification** and published the outcomes of her research in scientific journals.
- In 2005 she was selected to lead a research project on security technologies for the Center for Prospective Studies of the French Gendarmerie (CPGN) entitled “**Gendarmerie and Technology**”. The objective of this project was to examine the adoption of new technologies by the Gendarmerie and analyze its organizational, operational, strategic and practical impacts. As part

of this project, she conducted several field researches at airports where identification (such as biometrics) and surveillance technologies are implemented and at security technology companies in France and in the US where these technologies are designed and produced.

- She then broadened the scope of her research to **European R&D programmes on security**, border surveillance, antiterrorism and fight against organised crime, as well as to ethical and societal impacts of the security technologies.
- In 2007, drawing upon her research on the technologization of security, she was commissioned by the Administrator of the Maison des Sciences de l'Homme (MSH) to create the **research program « Security – Technology – Society » (STS)** as well as the **Security and Technology Research and Expertise Group (GEEST [www.geest-msh.fr](http://www.geest-msh.fr))**. The objective of this program is to examine the root causes and the design of security technologies such as biometrics, intelligent surveillance systems, dataveillance technologies etc, and analyze their political, juridical and economic impacts.
- In 2008 (January 23 – 24) she organized at Maison des Sciences de l'Homme (MSH) the **Biometrics Conference (Colloque Biometrie champs et enjeux)** bringing together academics, security agents, national and European data protection commissioners, as well as security companies' representatives.
- In 2008, she created the courses **Theories of Security** and **Security and Technology** at Sciences Po Paris.
- In 2010-2011, as part of the activities of the Security-Technology-Society program (MSH) she started a research on the **epistemic and scientific dimensions of the security research** and launched a conference series on “research in security and security technologies”.
- In 2011 (May 13) with a group of engineers and social scientists, she organized the security research workshop **Security research; for a co-design involving SHS and applied sciences** where the aim was to investigate the epistemic, methodological and normative conditions of Social Sciences and Applied Sciences collaboration. This workshop brought together the EU Commission representatives, academics, businesses and law enforcement agencies.
- In 2012 (March 23), she was commissioned by the French National Research Agency (ANR) to organize the workshop **Privacy-by-Design: putting technology at the service of privacy**. This workshop brought together French and international experts specializing in new technologies and privacy with social scientists, engineers, business representatives and organizations of data protection. Its objective was to examine the integration of privacy in technological solutions and examine its practical, normative, scientific and legal issues.
- In 2012 she created at Sciences Po the course **Intelligence and Technology**.
- In 2013 (April 13) she organized at Sciences Po the workshop **Intelligence Technologies In Practice: Meeting with Technology Producers, Practitioners and Students**. This workshop brought together engineers from Thales, Cassidian, Astrium, Morpho and intelligence practitioners. Its aim was to examine the technical specificities of cyber intelligence, drones and satellites as well as the use of biometrics for intelligence purposes
- She is member of COST – Living in Surveillance Societies (LISS); New Transparency: Surveillance and Social Sorting (chaired by David Lyon); Société de l'Electricité et de l'Electronique et des Technologies de l'Information et de la Communication (SEE).
- She is member of the 2014 ANR Scientific Committee of the security research (Freedom and security of the EU, its citizens and residents)

## EDUCATION

- Post-doc internship : EU Commission, Bruxelles (DG I et DG XII)
- PhD Political Science (University of Paris I Panthéon-Sorbonne)
- Master in Political Science (University of Paris I Panthéon-Sorbonne)
- BA Law – option International Relations (University of Paris I Panthéon-Sorbonne)
- BS Law (University of Paris I Panthéon Sorbonne)
- Lycée Notre Dame de Sion Istanbul
- Lycée Jean de Lafontaine Paris

## PUBLICATIONS (selected)

- « Renseignement au prisme de la technologie » (2014), *Revue de l'ENA special issue on intelligence*, July.
- « Le corps biométrique comme source de certitude de la modernité réflexive », (forthcoming), in C.Lobet-Maris et al. (Ed), *Corps et technologies. Dénouer les fils entre corporéalité et technologies contemporaines*, Bruxelles, Berlin, Oxford, Peter Lang.
- « Surveillance as Biopower », (2012), in K.Ball, K.D.Haggerty and D.Lyon (Eds), *Routledge International Handbook of Surveillance Studies*, Routledge.
- *Identification biométrique*, (2011), Paris, Editions de la MSH (co-editor).
- « Acceptabilité de la biométrie: les linéaments d'un cadre analytique » (2011), in A.Ceyhan (co-editor), *Identification biométrique*, Editions de la MSH, 2011.
- « Identité, Identification et surveillance : enjeux à l'heure de la biométrie » (2010), in *Identification et surveillance des individus*, Edition de la Bibliothèque Publique d'Information/Centre Pompidou.
- « Privacy in France in the Age of Security and Information Technologies » (2010), in D.Lyon, E.Zureik, L.Harling-Stalky, E.Smith, Y.Chan (Eds), *Privacy, Surveillance and the Globalization of Personal Information*, Mc Gill-Queen's University. Press.
- « Les technologies européennes de contrôle de l'immigration: vers une gestion électronique des "personnes à risque" » (2010), *Réseaux*, no 159.
- « Lutte contre le terrorisme : la technologie n'est pas neutre » (2009), *Revue Internationale et Stratégique* no 74, Juin.
- « Technologization of Security: Management of Uncertainty and Risk in the Age of Biometrics » (2008), *Surveillance & Society*. No 5(2).
- « Technologie et sécurité : une gouvernance libérale dans un contexte d'incertitudes » (2006), *Cultures & Conflits*, no. 64.
- « Comment prouver l'identité d'un individu ? » (2006), *Revue de la Gendarmerie Nationale*, no.217.
- « Identification et surveillance à l'heure de la biométrie » (2006), *Cultures & Conflits*, no. 64.
- Identifier et surveiller : les technologies de sécurité (2006), *Cultures & Conflits*, no 64 (Editor).
- « Policing by Dossiers: Identification and Surveillance in an Era of Uncertainty and Fear » (2005), in D.Bigo, E.Guild (eds.), *Controlling Borders*, London, Ashgate.
- « La Biométrie une technologie pour gérer les incertitudes de la modernité contemporaine » (2005), *Cahiers de l'INHES*, Printemps no.56.
- *Gendarmerie et technologies* (2005), Report for the Centre de Prospective de la gendarmerie Nationale, Ministère de la défense (Under the direction of).
- « Sécurité et frontières aux Etats-Unis après le 11 Septembre » (2004), *Cultures & Conflits*.
- « Terrorisme, immigration et patriotisme. Les identités sous surveillance » (2002), *Cultures & Conflits*, no. 44.
- « The Securitization of Immigration in Western Societies: Ambivalent Discourses and Policies » (2002), *Alternatives*, no. 27 (co-author).
- « L'ennemi intérieur, une construction politique et discursive » (2001) *Cultures&Conflits*, no 43, (co-author).
- « Analyser la sécurité: Dillon, Waever, Williams et les autres" (1998), *Cultures & Conflits*, no : 31/32.
- « Etats-Unis: frontières sécurisées, identités contrôlées? » (1997), *Cultures & Conflits*, no 26/27.

- « Contrôles de l'immigration : mythes et réalités » (co-auteur) (1997), *Cultures & Conflits*, no 26/27.
- « Emulation sécuritaire franco-américaine, (1996), *Le Monde Diplomatique*, octobre.
- « Le communautarisme et la question de la reconnaissance" (1994), *Cultures & Conflits*, no 12.
- « La fin de la bipolarité et incertitudes américaines" (1993), *Esprit*, février.
- *Avrupa Topluluklari Terimleri Sözlüğü (Lexicon of European Terms)*, (1991) Istanbul AFA yayinlari.