# Hanae **Rateau**

PHD STUDENT · HUMAN-COMPUTER INTERACTION

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## **Edu**cation

**PhD Student in Computer Science**                                              *Lille, France*

UNIVERSITÉ DE LILLE                                                             *2012 - current*

*Exploring interactive sub-spaces for gestural midair interaction*
- Supervised by Laurent Grisoni
- MINT team - CRISTAL/INRIA

**M.S in Computer Science**                                                      *Lille, France*

UNIVERSITÉ DE LILLE                                                                    *2012*

- Specialized in Image Vision and Interaction

**B.S. in Computer Science**                                                      *Lyon, France*

UCBL (UNIVERSITÉ CLAUDE BERNARD LYON 1)                                                *2010*

## **Pro**fessional Experience

**Teaching assistant**                                                           *Lille, France*

UNIVERSITY OF LILLE                                                               *2015-current*

Teaching various courses to computer science students. See *Teaching* section for more details

**Research Internship in MINT Team**                                             *Lille, France*

UNIVERSITY OF LILLE/INRIA NORD-EUROPE                                          *2012 (6 months)*

Bimanual Interaction for parametrization of commands

**Research Internship in GEOMOD Team - LIRIS**                                    *Lyon, France*

UCBL (UNIVERSITY OF LYON)                                                      *2011 (2 months)*

Procedural Generation of canyons

**Research Project in GEOMOD Team - LIRIS**                                       *Lyon, France*

UCBL (UNIVERSITY OF LYON)                                                       *2011 (1 month)*

Procedural Generation of rivers

**Undergraduate Internship - IT Support department**                             *Lyon, France*

EDEN GAMES - ATARI                                                             *2010 (4 months)*

Managed the issues of the teams. Operated OS migration of all PCs. Improved the intranet service for days of vacation visualizations.

## **Pub**lications

**Talaria: Continuous Drag & Drop on a Wall Display**                                 *ISS'16*

HANAE RATEAU, YOSRA REKIK, LAURENT GRISONI, AND JOAQUIM JORGE                 *Niagara Falls, Canada*

**Exploring tablet surrounding interaction spaces for medical imaging**               *SUI'14*

HANAË RATEAU, LAURENT GRISONI, AND BRUNO ARAUJO                                    *Hawaii, USA*

**Mimetic interaction spaces: controlling distant displays in pervasive environments**                                                                           *IUI'14*

HANAË RATEAU, LAURENT GRISONI, AND BRUNO ARAUJO                                   *Haifa, Israel*

Paper and Demo

# Other Communications

**Interaction on Grammar Based Generated Content**                          *Doctoral Consortium IEEE VR'14*

Hanae Rateau                                                                *Minneapolis*

**Mimetic interaction spaces: controlling distant displays in pervasive      *AFRV 2014 - French Association for*
environments**                                                               *Virtual Reality*

Hanae Rateau, Laurent Grisoni, and Bruno De Araujo                           *Reims, France*

**Scientific Mediation on Virtual Reality for the event *Chercheurs Itinérants* during
the Science Celebration operation in France**

Hanae Rateau                                                                 *Lille, France*

# Program Committees

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|---|---|---|
| 2015 | **Review**, World Haptics Conference | |
| 2015 | **Review**, CHI | |
| 2014 | **Student Volunteer**, IHM'14 | *Lille, France* |

# Teaching

## University of Lille

| | | |
|---|---|---|
| 2014 | **1st semester - B.S**, Introduction to programming | *54h* |
| 2015 | **4th semester - B.S**, Web Technologies | *36h* |
| 2014 | **5th semester - 3rd year B.S**, Design patterns and Object Oriented Programming | *42h* |
| 2015 | **1st semester - 1st year M.D**, Distributed Applications | *72h (2x36h)* |

## IUT of Lille

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|---|---|---|
| 2016 | **1st semester - BETC equivalent**, Introduction to HTML/CSS | *18h* |
| 2016 | **3rd semester - BETC equivalent**, Data Structures and algorithmic | *32h* |
| 2016 | **3rd semester - BETC equivalent**, Advanced Object Oriented Programming - Design patterns | *24h* |
| 2017 | **2nd semester - BETC equivalent**, Introduction to HCI | *64h (2x32h)* |
| 2017 | **4th semester - BETC equivalent**, Introduction to networks | *40h (2x20h)* |
| 2017 | **4th semester - BETC equivalent**, Rich web clients - Javascript | *15h* |

# About me

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|---|---|
| **Languages** | French (native), English(fluent) |
| **Interests** | Squash, traveling, video games, series |