

# Classement SHANGHAI 2018

## UFR STAPS Rouen Normandie / CETAPS

### 3<sup>e</sup> français

<http://www.shanghairanking.com/Special-Focus-Institution-Ranking/Sport-Science-Schools-and-Departments-2018.html>



**UFR Sciences et  
Techniques des Activités  
Physiques et Sportives**



Déjà classé 3<sup>e</sup> français et  
en 146<sup>e</sup> position mondiale

## Le classement de Shanghai distingue la fac de sport de Rouen



PUBLIÉ LE 13/01/2017 À 11:23



MIS À JOUR LE 13/01/2017 À 11:44



La faculté des sciences du sport (Staps) de l'Université de Rouen se classe 3<sup>e</sup> des facultés françaises, retenues dans le classement de Shanghai 2016, derrière l'université de Bourgogne et celle de Poitiers. Au niveau international, Rouen se place en 146<sup>e</sup> position de ce classement réalisé sur des critères purement scientifiques. Une performance plus qu'honorable

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des entrepreneurs...



3<sup>e</sup> français pour le  
classement 2018  
et 139<sup>e</sup> mondial

| World Rank | Unit                                                                                                                                                      | Country/Region                                                                        | Total Score | Score on PUB |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|--------------|
| 101-150    | University of Freiburg<br>Institute of Sports and Sports Science                                                                                          |    |             | 11.3         |
| 101-150    | University of Graz<br>Institute of Sport Sciences                                                                                                         |    |             | 5.5          |
| 101-150    | University of Hull<br>Department of Sport, Health and Exercise Science                                                                                    |    |             | 12           |
| 101-150    | University of Innsbruck<br>Department of Sport Sciences                                                                                                   |    |             | 20.5         |
| 101-150    | University of Massachusetts Amherst<br>Department of Kinesiology                                                                                          |    |             | 16.9         |
| 101-150    | University of Minnesota, Twin Cities<br>School of Kinesiology                                                                                             |    |             | 20.3         |
| 101-150    | University of Montreal<br>Department of Kinesiology                                                                                                       |    |             | 16.9         |
| 101-150    | University of Potsdam<br>Department of Training and Movement Science                                                                                      |    |             | 6.1          |
| 101-150    | University of Primorska<br>Institute for Kinesiology Research                                                                                             |    |             | 4.4          |
| 101-150    | University of Rouen<br>Faculty of Sport Sciences                                                                                                          |    |             | 7.3          |
| 101-150    | University of Salzburg<br>Department of Sport Science and Kinesiology                                                                                     |    |             | 10.5         |
| 101-150    | University of South Australia<br>Alliance for Research in Exercise, Nutrition and Activity (ARENA)                                                        |    |             | 18.1         |
| 101-150    | University of Stirling<br>Faculty of Health Sciences and Sport                                                                                            |    |             | 14.5         |
| 101-150    | University of the Sunshine Coast<br>School of Health and Sport Sciences                                                                                   |  |             | 24.1         |
| 101-150    | University of Thessaly<br>Department of Physical Education and Sport Science                                                                              |  |             | 15.4         |
| 101-150    | University of Trás-os-Montes & Alto Douro<br>Center in Sports Sciences, Health and Human Development<br>Department of Sport Sciences, Exercise and Health |  |             | 13.9         |
| 101-150    | University of Utah<br>Department of Exercise and Sport Sciences                                                                                           |  |             | 15.8         |
| 101-150    | University of Victoria<br>School of Exercise Science, Physical and Health Education                                                                       |  |             | 10.2         |

# Critères retenus pour le classement: la production scientifique des unités de recherche en sciences du sport (référencement dans les bases internationales, collaborations avec chercheurs étrangers, quartiles, IF)

Ranking Methodology Statistics

- Selection of Universities
- Indicators and Weights
- Definition of Indicators

## Selection of Universities

We consider candidate universities based on two criteria. First, the candidate should either be a sport university or have sport-related unit(s). Second, the sport university or sport-related unit(s) should publish a certain number of Web of Science papers (actively engaging in research) in the past five years. In total, 372 universities with their some 400 sport-related units are selected and ranked.

## Indicators and Weights

Universities are ranked by several indicators of academic or research performance, including papers indexed in Web of Science, total citations, citations per paper, papers published in top 25% journals, and percentage of internationally collaborated papers. For each indicator, the highest scoring institution is assigned a score of 100, and other institutions are calculated as a percentage of the top score. Scores for each indicator are weighted as shown below to arrive at a final overall score for an institution. The highest scoring institution is assigned a score of 100, and other institutions are calculated as a percentage of the top score. An institution's rank reflects the number of institutions that sit above it.

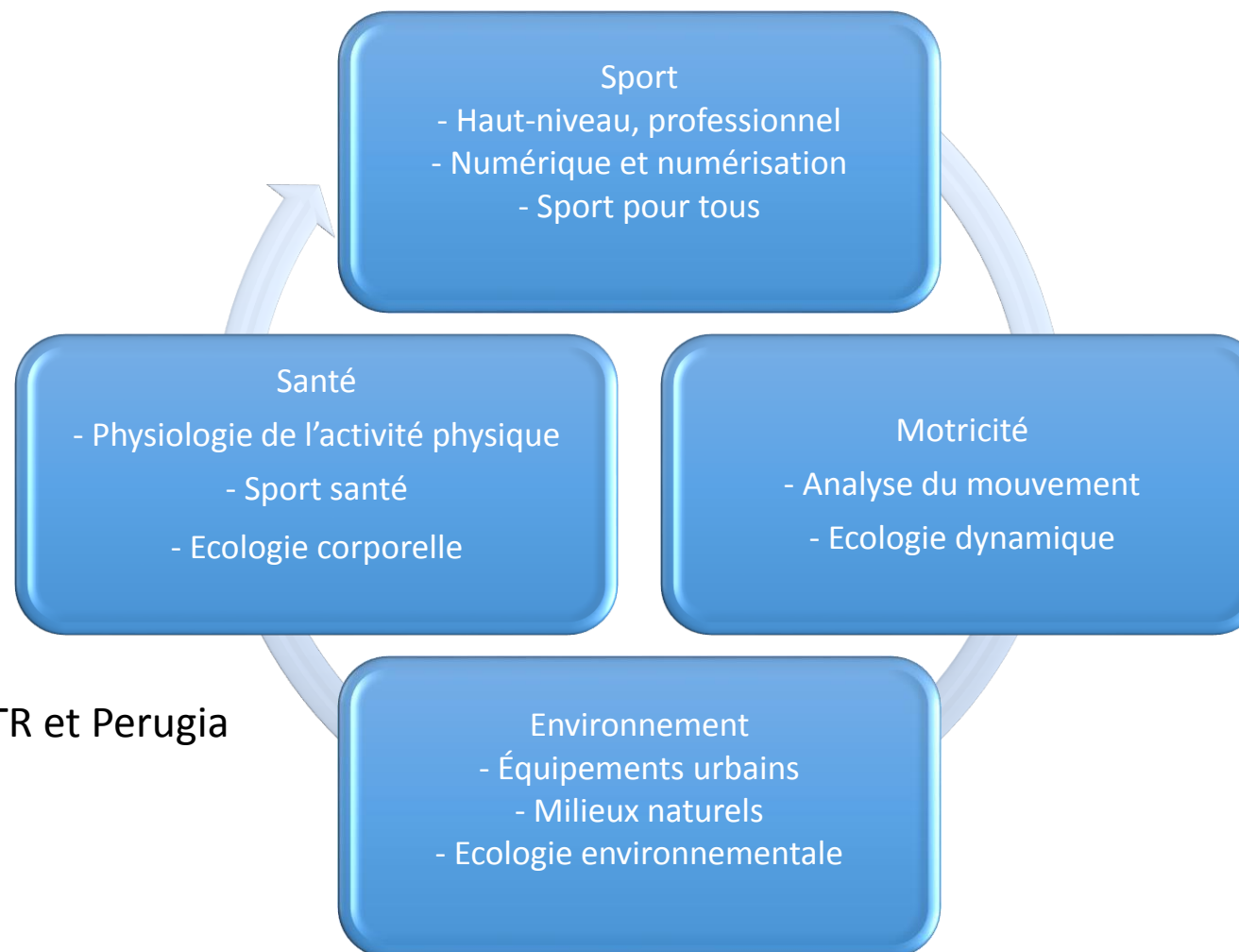
| Criteria                    | Indicator                                             | Code | Weight |
|-----------------------------|-------------------------------------------------------|------|--------|
| Research Output             | Papers indexed in Web of Science                      | PUB  | 20%    |
|                             | Citations to papers                                   | CIT  | 20%    |
| Research Quality            | Citations per paper                                   | CPP  | 25%    |
|                             | Papers published in top 25% journals                  | TOP  | 25%    |
| International Collaboration | Percentage of papers with international co-authorship | IC   | 10%    |
| Total                       |                                                       |      | 100%   |

## Definition of Indicators

| Indicators | Definition                                                                                                                                                                                       |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PUB        | PUB refers to the total number of papers indexed in Web of Science between 2013 and 2017. Both publications of 'Article' and 'Review' type are considered.                                       |
| CIT        | CIT refers to the total number of citations received between 2013 and 2017 to papers published by an institution between 2013 and 2017.                                                          |
| CPP        | CPP is citations per paper and measures the average number of times a paper is cited for.                                                                                                        |
| TOP        | TOP is the number of papers published in top 25% journals between 2013 and 2017. The top 25% journals are those with an impact factor in the top 25% according to Journal Citation Report, 2017. |
| IC         | IC refers to the percentage of internationally collaborated papers to all papers.                                                                                                                |

# Thématiques et équipes de recherche du CETAPS

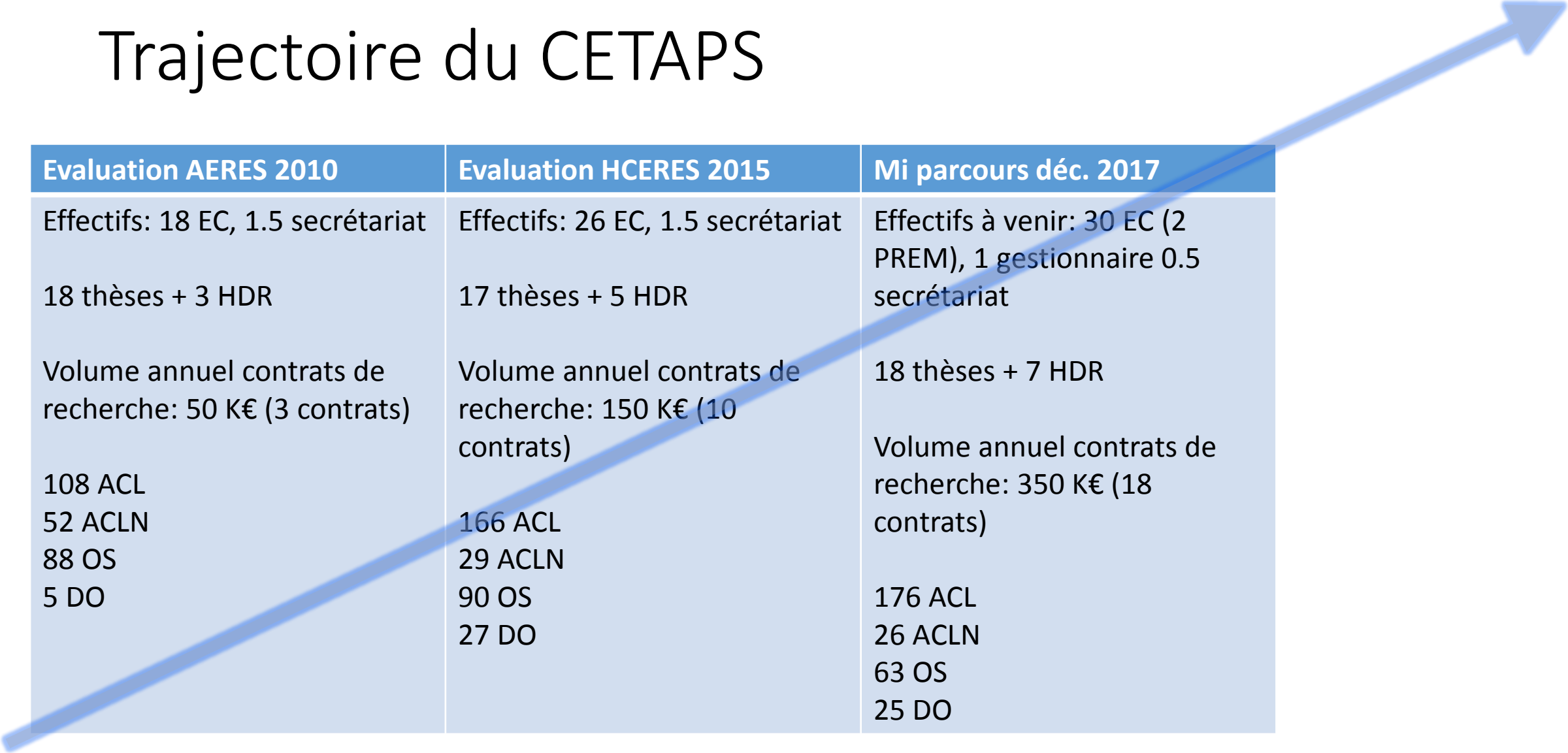
Convention Qatar  
3 PU, 5 MCU, 1 PUPH  
ORQV



Convention Sheffield et  
Lisbonne  
E-lab Unesco  
2 PU, 6 MCU

Convention UQTR et Perugia  
GDRI CNRS  
2 PU, 11 MCU

# Trajectoire du CETAPS



| Evaluation AERES 2010                                                                                                                                                | Evaluation HCERES 2015                                                                                                                                                  | Mi parcours déc. 2017                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Effectifs: 18 EC, 1.5 secrétariat<br><br>18 thèses + 3 HDR<br><br>Volume annuel contrats de recherche: 50 K€ (3 contrats)<br><br>108 ACL<br>52 ACLN<br>88 OS<br>5 DO | Effectifs: 26 EC, 1.5 secrétariat<br><br>17 thèses + 5 HDR<br><br>Volume annuel contrats de recherche: 150 K€ (10 contrats)<br><br>166 ACL<br>29 ACLN<br>90 OS<br>27 DO | Effectifs à venir: 30 EC (2 PREM), 1 gestionnaire 0.5 secrétariat<br><br>18 thèses + 7 HDR<br><br>Volume annuel contrats de recherche: 350 K€ (18 contrats)<br><br>176 ACL<br>26 ACLN<br>63 OS<br>25 DO |

# Effectifs (80 en moyenne)

| Titulaires                                                                                                                                                         | Doctorants                                                                                                                           | Temporaires                                                            | Associés                           | Masters R.                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------|------------------------------------------|
| 7 PU<br>2 PREM<br>1 PUPH<br>18 MCF<br><br>+ 2 recrutements<br>MCF au 1 <sup>er</sup> sept.<br>+ 2 au 1 <sup>er</sup> oct.<br><br>0.5 secrétariat<br>1 gestionnaire | 18 au CETAPS<br>(5 allocs, 4 CIFRE)<br><br>+ 3 en co direction<br>inscrits autre<br>université (3<br>allocs)<br><br>Durée moy. 4 ans | 4 ATER<br>2 IR sur contrat<br><br>3 EC visiteurs<br><br>+ contractuels | 12 docteurs<br>1 IGE FFN<br>1 PRAG | Une dizaine en<br>ce moment au<br>CETAPS |

# Contrats de recherche: 350 K€ / an

| Désignation                                 | Date début | Date fin   | Montant Total |
|---------------------------------------------|------------|------------|---------------|
| ANR-13-JSHS2-0004-01 DYNAMOV                | 01/09/2013 | 31/08/2017 | 144 974,00 €  |
| PROJET ESPOIR MINBOP172<br>CETAPS SER ESTER | 01/11/2013 | 28/02/2016 | 7 579,00 €    |
| FOND DE MATURATION OMERP :<br>OUTILS ET MET | 05/11/2013 | 28/02/2016 | 65 000,00 €   |
| FEDER HN0002388 MADNESS -<br>CETAPS         | 01/09/2015 | 31/08/2019 | 49 200,00 €   |
| REGION ALLOC POST DOC<br>SCHMIDT ADAM       | 02/12/2015 | 30/09/2017 | 35 000,00 €   |
| FEDER HN002109 XTERM - CETPAS               | 01/10/2015 | 30/09/2019 | 159 500,00 €  |
| EQUITATION ET BIEN ETRE DES<br>PATIENTS     | 01/01/2016 | 31/12/2017 | 3 375,00 €    |
| UNIVERSITE DE CORSE<br>INVENTAIRE ET GESTIO | 15/12/2015 | 14/12/2018 | 11 630,00 €   |
| GRR TERA SCALE IMPACTS 2016 -<br>CETAPS     | 01/10/2016 | 30/09/2019 | 4 794,40 €    |
| FEDER HN0005604 DAISI                       | 01/10/2016 | 01/03/2020 | 980 335,00 €  |
| ANR DYNACEV ANR-17-CE38-0006-<br>01         | 01/10/2017 | 30/09/2021 | 106 380,00 €  |
| COLLABORATION FFN WATER<br>POLO             | 01/04/2017 | 31/12/2017 | 4 200,00 €    |
| SA6 TRAESSI2 GIP SEINE AVAL                 | 01/04/2017 | 31/03/2020 | 12 690,00 €   |
| PRESTA PISCINES RECREA SA                   | 10/03/2017 | 09/03/2018 | 18 600,00 €   |
| IFCE N2017 017 CONV RECH<br>PRATIQUE EQUITA | 01/01/2017 | 31/12/2018 | 12 000,00 €   |

# Activité de publication

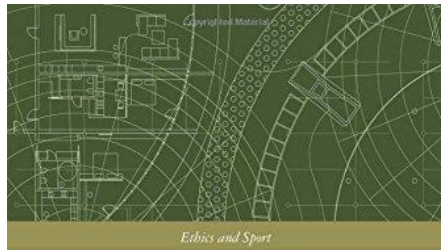
## Bilan 2017

|            |                        |
|------------|------------------------|
| <b>ACL</b> | <b>57 (49 anglais)</b> |
| ACLN       | 7 (1 anglais)          |
| CO         | 12 (1 anglais)         |
| DO         | 3 (1 anglais)          |

## Bilan en cours 2018 (données septembre)

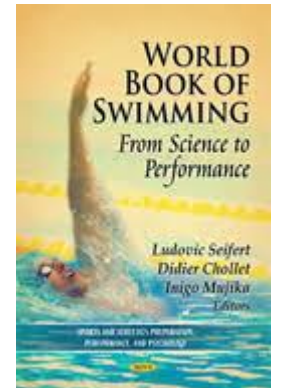
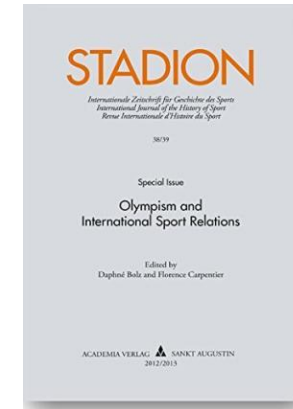
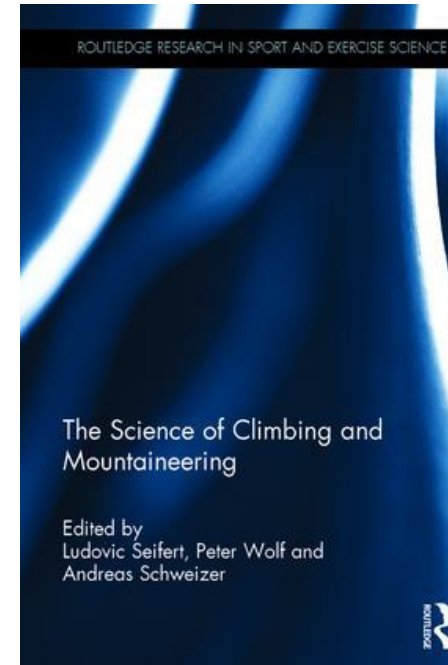
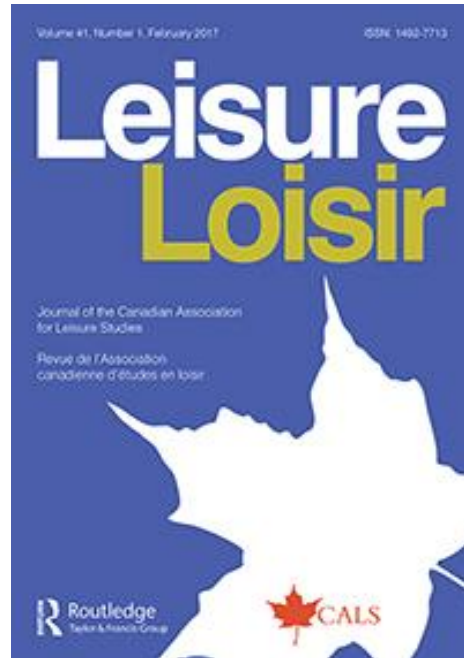
|            |                        |
|------------|------------------------|
| <b>ACL</b> | <b>48 (36 anglais)</b> |
| ACLN       | 5                      |
| CO         | 19 (10 anglais)        |
| DO         | 5 (1 anglais)          |

# Faits marquants d'ouverture internationale



## BODY ECOLOGY AND EMERSIVE LEISURE

Edited by  
Bernard Andrieu, Jim Parry,  
Alessandro Porrovecchio and Olivier Sirot



# Résultats d'une politique de laboratoire

2018: XIIIe Symposium International de Biomécanique et Médecine en Natation à Tsukuba au Japon, Brice Guignard, MCF à l'UFR STAPS a remporté avec brio l' « Archimedes Award », prix de la meilleure présentation orale chez les Jeunes Chercheurs





# KOMAR John

**Designation**

Assistant Professor

**Department**

Physical Education & Sports Science (PESS)

**Office Location**

NIE5-03-29

**Education**

PhD (Motor Control and Learning, University of Rouen, France)

Graduate Degree in Applied Statistics (University of Paris XIII, France)

Master (Sport Science, University of Strasbourg, France)

**Email**

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**Office Telephone Number**

67903692

**Research Interests**

Complexity, Coordination, Dynamical Systems Theory, Motor Control and Learning, Movement Variability, Pedagogy



[Expand All](#)

## PROFILE



John graduated from the University of Strasbourg (France) in 2008 and joined the University of Rouen (France) to undertake postgraduate studies and complete a PhD in Motor Control and Learning with honors in 2013. He subsequently worked as a data scientist in the sports industry in the UK focusing on performance analysis in football, and came back to the academic in 2015 holding an assistant professor position of motor learning in Rouen (France). His research interests include the role of movement variability in investigating motor expertise and motor learning, interpersonal coordination and performance analysis in team games, as well as the application of a constraints-led approach in pedagogy.

He also conducts research and practical work and education on the use of data and technology in sport performance analysis.

Unisciences en brer

Liste des personnes

Liste des unités

Aide

## Coordonnées

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## Faculté des sciences sociales et politiques

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Quartier UNIL-Centre

Bâtiment Synathlon

Bureau : 3218

CH-1015 Lausanne

Téléphone : 021 692 32 86

Fax : 0216923293

### **Centre d'histoire internationale et d'études politiques de la mondialisation**

Fonction(s) : Chercheuse FNS senior

## Winter school : Collective behaviours and sport performance analysis 12-16th November 2018

Sport performance analysis in competition and training is more and more monitored thanks to recent research in data sciences and technological development for motion capture such as GPS, inertial measurement unit, and multi-camera system. There is a real need to provide methods, tools and skills to correctly use these new devices, as well as to approach performance analysis and collective behaviours following a sound theoretical framework. Indeed, the risk of collecting multi-sourcing data is to shift toward data-driven approach rather than following theoretical framework supported by key concepts, methodology, feedback to coaches and pedagogy for training. This Winter and Summer school roots in the Complexity Sciences and intertwine various disciplines such as physics and mathematics through dynamical system theory, ecological psychology, complex system approach of neurobiology, interaction network in computer sciences, etc. The complexity sciences recently showed a growing interest to understand and to explain the individual and collective behaviours in various contexts (competitive vs. collaborative, routine vs. perturbation), especially in sport (Davids et al., 2014) and will be the heart of this Winter and Summer school.

### OBJECTIVES, AIMS AND ACQUIRED SKILLS

In the Winter school, we will focus our attention on multi-sourcing data collection and analysis by simulating a building evacuation during a laser game (<https://www.dockslaser.com>) in various scenarios (see below for more details). The objectives are to acquire:

- skills in collecting multi-sourcing data like kinematics (from accelerometer and GPS), physiological data (heart rate), psychological data (anxiety state).
- skills in data visualisation and signal processing in order to intertwine data of various nature.
- skills in determining dependant variables to assess individual and collective behaviours, and network interactions in order to analyse sport performance outcome accordant to the task goal.

### CONTENT AND NECESSARY PRIOR KNOWLEDGE

#### *Prior knowledge necessary in the relevant field :*

- Basic skill in programming ( Python, Matlab, R), signal and image processing, data visualisation
- Skills in using motion capture systems such as multicamera system, GPS, accelerometer, inertial measurement unit, in order to track athletes kinematics.
- Basic skill in data mining, unsupervised machine learning, statistics



### Documents à télécharger :



[winter school 2018.jpg](#)  
(JPG, 1314 Ko)

### Winter school program : Collective behaviours and sport performance analysis

- English level : B2
- Level : Master
- Number of hours: 50
- Number of ECTS Credits : 6 ( a certificate will be provides to all attendees)
- Fees : 990 euros included lessons, housing and lunch from Monday to Friday
- Deadline : 5th October 2018

### More information and registration :

[short-programmes@univ-rouen.fr](mailto:short-programmes@univ-rouen.fr)

[- Application Form](#)

### University of Rouen Normandy

