

Leto Peel

CONTACT INFORMATION	ICTEAM, Euler Building, Avenue Lemaître 4, B-1348 Louvain-la-Neuve, Belgium	<i>E-mail:</i> leto.peel@uclouvain.be <i>WWW:</i> piratepeel.github.io <i>Twitter:</i> @PiratePeel
RESEARCH INTERESTS	Machine Learning and Data Mining in Network Data Structures community detection, social network analysis, Bayesian statistics, graphical models, blockmodels, active learning, anomaly and change-point detection.	
EDUCATION	University College London , London, UK EngD, Virtual Environments, Imaging and Visualisation, Mar 2009 – Aug 2013 <ul style="list-style-type: none">• Thesis Topic: <i>Predicting the Attributes of Nodes in Networks</i>• Advisers: Dr Simon Julier, Prof John Shawe-Taylor• Examiners: Dr Mark Herbster, Dr Steve Gregory University of Bristol , Bristol, UK MEng., Knowledge Engineering, Sep 2001 – Jul 2006 <ul style="list-style-type: none">• Thesis Topic: <i>Rule Based Uncertainty in the Semantic Web</i>• Adviser: Prof Trevor Martin	
EXPERIENCE	Université catholique de Louvain , Louvain-la-neuve, Belgium <i>FNRS Chargé de recherche</i> Oct 2017 to Sep 2020 <ul style="list-style-type: none">• Project: <i>Methods for detecting changes in the structure of complex networks</i> <i>MOVE IN Louvain Research Fellow</i> Aug 2016 to Sep 2017 <ul style="list-style-type: none">• Project: <i>Detecting the Large-scale Structures in Collections of Networks</i> <i>Postdoctoral Research Associate</i> Aug 2015 to Aug 2016 <ul style="list-style-type: none">• Project: <i>Mining and Optimization of Big Data Models</i>• Supervisor: Dr Jean-Charles Delvenne Université de Namur , Namur, Belgium <i>Visiting Researcher</i> Aug 2015 to present <ul style="list-style-type: none">• Supervisor: Dr Renaud Lambiotte University of Colorado at Boulder , Boulder CO, USA <i>Postdoctoral Research Associate</i> Aug 2013 to Jul 2015 <ul style="list-style-type: none">• Project: <i>Statistical Inference for Detecting Structures and Anomalies in Networks</i>• Supervisor: Dr Aaron Clauset University College London , London, UK <i>Postdoctoral Research Associate</i> Apr 2012 to Apr 2013 <ul style="list-style-type: none">• Project: <i>Crime, Policing and Citizenship</i>• Supervisor: Prof John Shawe-Taylor	

BAE Systems Advanced Technology Centre, Bristol, UK

Senior Research Scientist

Jan 2011 to Dec 2011

Higher Research Scientist

Jun 2008 to Dec 2010

Research Scientist

Jul 2006 to May 2008

AWARDS

- Publons Peer Review Awards Top 1% in Field, 2018
- Best speaker award at the 5th Mediterranean School on Complex Networks, 2018
- 15th recipient of the prestigious Zachary Karate Club Club prize, 2018
- One of the 20 Best Reviewers at the 12th International AAAI Conference on Web and Social Media (ICWSM), 2018
- Best Oral Presentation Award at the 6th International Conference on Complex Networks and Their Applications, 2017
- 3rd in Best Student Paper Award at the 14th International Conference on Information Fusion (Prize USD 1000), 2011
- Received Honourable Mention in the category of Best Student Paper Award at the 13th International Conference on Information Fusion, 2010
- Winner of the IEEE Prognostics and Health Management Data Challenge, 2008 (IEEE GOLD Category) (Prize USD 2500)
- BAE SYSTEMS Bronze Chairman's Award for Innovation for *Intelligent Fault Diagnosis Technologies*, 2008
- L.N. Fryer Physics Prize, 2001

GOOGLE SCHOLAR

<http://scholar.google.com/citations?user=GR-yASwAAAAJ&hl=en>

**PAPERS UNDER
REVIEW**

"Community detection in networks with unobserved edges"

T. Hoffman, **L. Peel**, R. Lambiotte, N. Jones

Submitted 2018

(arXiv:1808.06079)

"Individual perception dynamics in drunk games"

A. Antonioni, L. A. Martinez-Vaquero, C. Mathis, **L. Peel**, M. Stella

Submitted 2018

(arXiv:1807.08635)

**REFEREED
PUBLICATIONS**

"The architecture of an empirical genotype-phenotype map"

J. Aguilar-Rodríguez, **L. Peel**, M. Stella, A. Wagner, J. Payne

Evolution, 2018 **72** (6): 1242–1260

"Multiscale mixing patterns in networks"

L. Peel, J-C. Delvenne, R. Lambiotte

Proc. Natl. Acad. Sci. USA, 2018 **115** (16): 4057–4062

(arXiv:1708.01236)

"The ground truth about metadata and community detection in networks"

L. Peel, D. Larremore, A. Clauset

Science Advances, 2017 **3**: e1602548

(arXiv:1608.05878)

"Graph-based semi-supervised learning for relational networks"

L. Peel

SIAM Int. Conf. on Data Mining (SDM), Apr 27–29, 2017

acceptance rate 26%

(arXiv:1612.05001)

"Detectability thresholds and optimal algorithms for community structure in dynamic networks"

A. Ghasemianlangroodi, P. Zhang, A. Clauset, C. Moore, **L. Peel**

Physical Review X, 2016 **6** (3): 031005

(arXiv:1506.06179)

	<p>“Predicting sports scoring dynamics with restoration and anti-persistence” L. Peel, A. Clauset <i>IEEE Int. Conf. on Data Mining (ICDM)</i>, Nov 14–17, 2015 (arXiv:1504.05872) acceptance rate 18.2% (regular paper 8.4%)</p>
	<p>“Detecting change points in the large-scale structure of evolving networks” L. Peel, A. Clauset <i>AAAI Conf. on Artificial Intelligence (AAAI)</i>, Jul 25–30, 2015. (arXiv:1403.0989) acceptance rate 26.7%</p>
	<p>“Active discovery of network roles for predicting the classes of network nodes” L. Peel <i>Journal of Complex Networks</i>, 2014 3 (3): 431-449. (arXiv:1312.7258)</p>
	<p>“Maritime anomaly detection using Gaussian process active learning” K. Kowalska, L. Peel <i>Int. Conf. on Information Fusion (FUSION)</i>, July 9–12, 2012.</p>
	<p>“Estimating parameters for selecting community detection algorithms” L. Peel <i>Journal of Advances in Information Fusion</i>. 6(2):119–130. 2011.</p>
	<p>“Topological feature based classification” L. Peel <i>Int. Conf. on Information Fusion (FUSION)</i>, Jul 5–8, 2011. (arXiv:1110.4285)</p>
	<p>“Capturing time-of-flight data with confidence” M. Reynolds, J. Doboš, L. Peel, T. Weyrich, G.J. Brostow <i>IEEE Conf. on Computer Vision and Pattern Recognition (CVPR)</i>, Jun 20–25, 2011. acceptance rate 26.4%</p>
	<p>“Estimating parameters for selecting community detection algorithms” L. Peel <i>Int. Conf. on Information Fusion (FUSION)</i>, Jul 26–29, 2010. (arXiv:1010.5377)</p>
	<p>“Data driven prognostics using a Kalman filter ensemble of neural network models” L. Peel <i>IEEE Conf. on Prognostics and Health Management (PHM)</i>, October 6–9, 2008.</p>
OTHER PUBLICATIONS	<p>“Dynamical Game Theory” A. Antonioni, L. A. Martinez-Vaquero, N. Mathis, L. Peel, M. Stella <i>Proc. of the Santa Fe Institute Complex Systems Summer School (CSSS)</i>, 2014</p> <p>“Change-point detection in temporal networks using hierarchical random graphs” L. Peel, A. Clauset <i>ACM SIGKDD Works. on Outlier Detection & Description under Data Diversity (ODD² 2014)</i>, Aug 24, 2014.</p> <p>“Supervised blockmodelling” L. Peel <i>ECML/PKDD Works. on Collective Learning and Inference in Structured Data(CoLISD)</i>, Sep 28, 2012. (arXiv:1209.5561)</p> <p>“Fast maritime anomaly detection using kd-tree Gaussian processes” J. Will, L. Peel, C. Claxton <i>IMA Mathematics in Defense Conference</i>, Oct 20, 2011.</p>
PATENTS	<p>L. Peel, Detecting a least one community in a network. <i>International Application No.: PCT/GB2011/050464</i>, Publication Date: 22.09.2011 International Filing Date: 09.03.2011</p>

INVITED TALKS	• <i>University College London Financial Computing Seminar, UK,</i>	Dec 14, 2018
	• <i>Dept. of Mathematical Sciences, Politecnico di Torino, IT,</i>	Nov 14, 2018
	• <i>Telecommunications and microwaves seminar, KU Leuven, BE,</i>	Oct 5, 2018
	• <i>Dynamics on and of Complex Networks XI, Thessaloniki, GR,</i>	Sep 27, 2018
	• <i>5th Mediterranean School of Complex Networks, Salina, IT,</i>	Sep 7, 2018
	• <i>Int. Works. on Comp. Economics and Econometrics, Rome, IT,</i>	Jun 26, 2018
	• <i>Fondazione Bruno Kessler, Trento, IT,</i>	Apr 11, 2018
	• <i>Institute for Data Systems and Society, MIT, Cambridge, MA, US,</i>	Mar 12, 2018
	• <i>Center for Data Science, New York Univ., New York, NY, US,</i>	Feb 28, 2018
	• <i>Donnelly Centre, Univ. of Toronto, CA,</i>	Feb 26, 2018
	• <i>University of Rome Tor Vergata, Rome, IT,</i>	Feb 21, 2018
	• <i>Institute of Cognitive Sciences and Technologies, Rome, IT,</i>	Feb 20, 2018
	• <i>9th Int. Conf. of the ERCIM WG CMStatistics, Seville, ES,</i>	Dec 10, 2016
	• <i>Networks Seminar, Dept. of Bus. Admin., Univ. of Zurich, CH,</i>	Oct 25, 2016
	• <i>Dept. of Computer Science, Univ. of Exeter, UK,</i>	Jul 26, 2016
	• <i>Complex Systems Inst. of Paris (ISC-PIF), CNRS, FR,</i>	Jul 21, 2016
	• <i>Dept. of Computer Science, Lancaster Univ., UK,</i>	Feb 1, 2016
	• <i>Inference on Networks workshop, Santa Fe Institute, NM, US,</i>	Dec 14, 2015
	• <i>AI Lab, Vrije Universiteit Brussel, BE,</i>	Dec 3, 2015
	• <i>Meyers Lab, Dept. of Int Bio, Univ. of Texas, Austin, TX, US,</i>	Jan 26, 2015
	• <i>Dynamics Of and On Networks works., Santa Fe Institute, NM, US,</i>	Dec 18, 2014
	• <i>Network Science Lab, Harvard School of Public Health, MA, US,</i>	Aug 29, 2014
	• <i>Dynamical Systems Seminar, CU Boulder, CO, US,</i>	Mar 20, 2014
	• <i>Invited Talk, Santa Fe Institute, NM, US,</i>	Jan 10, 2014
	• <i>Euro. Partners Against Corruption 12th Conf., Barcelona, ES,</i>	Nov 21–23, 2012
	• <i>UCL CPC Project Launch Event, Univ. College London, UK,</i>	May 18, 2012
	• <i>IEEE Conf. on Prognostics and Health Mgmt., Denver, CO, US,</i>	Oct 6–9, 2008
CONTRIBUTED TALKS	• <i>10th Conf. on Complex Networks (CompleNet), Tarragona, ES,</i>	Mar 18-21, 2019
	• <i>Complex Networks and their Applications, Cambridge, UK,</i>	Dec 12, 2018
	• <i>The 2018 Conf. on Complex Systems (CCS), Thessaloniki, GR,</i>	Sep 25, 2018
	• <i>The 2018 Conf. on Complex Systems (CCS), Thessaloniki, GR,</i>	Sep 24, 2018
	• <i>DATAM 2018, CCS Satellite, Thessaloniki, GR,</i>	Sep 26, 2018
	• <i>People, places things, NetSci Satellite, Paris, FR,</i>	Jun 12, 2018
	• <i>Statistical Inference for Network Models, NetSci Satellite, Paris, FR,</i>	Jun 11, 2018
	• <i>7th Belgian Network Research Meeting, Ghent, BE,</i>	Dec 6, 2017
	• <i>Int. Conf. on Complex Networks and their Applications, Lyon, FR,</i>	Dec 1, 2017
	• <i>The 2017 Conf. on Complex Systems (CCS), Cancun, MX,</i>	Sep 19, 2017
	• <i>The 2017 Conf. on Complex Systems (CCS), Cancun, MX,</i>	Sep 19, 2017
	• <i>The 2017 Conf. on Complex Systems (CCS), Cancun, MX,</i>	Sep 18, 2017
	• <i>Int. Conf. on Network Science (NetSci), Indianapolis, IN, US,</i>	Jun 21, 2017
	• <i>Statistical Inference for Network Models works., NetSci2017, IN, US,</i>	Jun 20, 2017
	• <i>Machine Learning in Network Science works., NetSci2017, IN, US,</i>	Jun 19, 2017
	• <i>Machine Learning Conf. of the Benelux (BeneLearn), Eindhoven, NL,</i>	Jun 9, 2017
	• <i>SIAM Int. Conf. on Data Mining (SDM), Houston, TX, US,</i>	Apr 28, 2017
	• <i>8th Workshop on Complex Networks (CompleNet), Dubrovnik, HR,</i>	Mar 23, 2017
	• <i>8th Workshop on Complex Networks (CompleNet), Dubrovnik, HR,</i>	Mar 21, 2017
	• <i>The 2016 Conf. on Complex Systems (CCS), Amsterdam, NL,</i>	Sep 22, 2016
	• <i>The 2016 Conf. on Complex Systems (CCS), Amsterdam, NL,</i>	Sep 22, 2016
	• <i>Int. Conf. on Network Science (NetSci), Seoul, KR,</i>	Jun 1, 2016
	• <i>IEEE Int. Conf. on Data Mining (ICDM), Atlantic City, NJ, US,</i>	Nov 17, 2015
	• <i>5th Belgian Network Research Meeting, Namur, BE,</i>	Sep 30, 2015
	• <i>Outlier Detection & Description under Data Diversity, NY, US,</i>	Aug 24, 2014
	• <i>Complex Systems Summer School, Santa Fe Institute, NM, US,</i>	Jul 3, 2014

	<ul style="list-style-type: none"> • <i>Int. Conf. on Network Science (NetSci)</i>, Berkeley, CA, USA, Jun 5, 2014 • <i>Collective Learning and Inference in Structured Data</i>, Bristol, UK, Sep 28, 2012 • <i>Int. Conf. on Information Fusion (FUSION)</i>, SG, Jul 9, 2012 • <i>Int. Conf. on Information Fusion (FUSION)</i>, Chicago, IL, US, Jul 6, 2011 • <i>Int. Conf. on Information Fusion (FUSION)</i>, Edinburgh, UK, Jul 26, 2010
CONFERENCE POSTERS	<ul style="list-style-type: none"> • L. Peel, Graph-based semi-supervised learning for relational networks. <i>SIAM International Conference on Data Mining</i>, April 2017 • L. Peel, D. Larremore, A. Clauset, The ground truth about metadata and community detection in networks. <i>Conference on Complex Networks</i>, December 2016 • L. Peel, D. Larremore, A. Clauset, The ground truth about metadata and community detection in networks. <i>7th Workshop on Complex Networks</i>, March 2016 • L. Peel, A. Clauset, Detecting large-scale changes in the structure of evolving networks. <i>29th AAAI Conference on Artificial Intelligence</i>, January 26, 2015. • T. Cheng, K. Bowers, P. Longley, J. Shawe-Taylor, R. Davenport, S. Moat, L. Peel, Crime, policing and citizenship. <i>RCUK Global Uncertainties Ideas and Beliefs Showcase Event</i>, October 1, 2012. • L. Peel, Inference of abnormal behaviour in shipping vessels. <i>CPC Launch Event</i>, May 18, 2012. • L. Peel, Topological feature based classification. <i>Machine Learning Summer School</i>, September 4–17, 2011.
FUNDING	<p>Workshop support grant (WWCS18), 7,500 EUR Workshop organiser, (Co-organisers: S. Selakovic, Q. Feng, J. Garcia-Bernardo) <i>multiple sources: (Utrecht Uni. UNamur, Corpnnet, CSS)</i>, 2018</p> <p>Integrated response for infectious disease surveillance: Development and application of AI models for TB control 1,133,717 EUR Technical and scientific manager, (PIs: J-C. Delvenne, M. Delmée, X. Morelle) <i>Innoviris Team Up</i>, 2017</p> <p>Methods for detecting changes in the structure of complex networks 230,700 EUR Individual fellowship <i>FNRS Chargé de Recherche</i>, 2017-20</p> <p>DataBeers Brussels 1,413 EUR Event organiser <i>multiple sources: (VUB, ISACA, Dataminded, UCL, Dataiku)</i>, 2016-8</p> <p>Detecting large-scale structures in collections of networks 112,000 EUR Individual fellowship <i>MOVE-IN Louvain (co-funded by Marie-Curie actions)</i>, 2016-7</p> <p>Travel fellowships (total) 2,155 EUR Individual travel fellowship <i>FNRS</i>, 2015-7</p> <p>Maritime wide area surveillance using AIS data 300,000 GBP Project manager and technical lead <i>BAE Systems TTP</i>, 2011</p> <p>Role detection in networks 100,000 GBP Project manager and technical lead <i>BAE Systems TTP</i>, 2010</p>
PRESS	<ul style="list-style-type: none"> • Community Detection phys.org Jenna Marshall, May 4, 2017 (also in Science Newsline and Eurekalert)

- Sports Scoring
Clyde Street Keith Lyons, February 21, 2017
Clyde Street Keith Lyons, August 5, 2017
- Crime, Policing and Citizenship
The Guardian Ami Sedghi, October 30, 2012

ACADEMIC SERVICE

Workshop Organiser

Winter Workshop on Complex Systems 2018

Co-organisers: Sanja Selakovic, Qingyi Feng, Javier Garcia-Bernardo
Utrecht, The Netherlands. February, 2018

Belgian Network Research Meeting (BeNet) 2016

Co-organisers: Sophie Béreau, Jean-Charles Delvenne, Yerali Gandica, Leo Gutierrez, Mauro Faccin, Michael Schaub
Louvain-la-neuve, Belgium. December, 2016

Conference on Complex Systems 2016 workshop on Coarse-graining Complex Systems

Co-organisers: Mauro Faccin, Renaud Lambiotte, Michael Schaub
Amsterdam, The Netherlands. September 21, 2016

NetSci 2015 2nd workshop on Statistical Inference for Network Models

Co-organisers: Aaron Clauset, Abigail Z. Jacobs and Dan Larremore
Zaragoza, Spain. June, 2015

NIPS 2014 workshop on Networks: From Graphs to Rich Data

Co-organisers: Edo Airoldi, David Choi, Aaron Clauset and Johan Ugander
Montreal, Quebec, Canada. December 13, 2014

NetSci 2014 workshop on Statistical Inference for Network Models

Co-organisers: Aaron Clauset, Abigail Z. Jacobs and Dan Larremore
Berkeley, California, USA. June 2, 2014

Technical Program Committee Member

International Workshop on Dynamics on and of Networks (DYNO)	2018
SIAM Workshop on Network Science (NS)	2018
International Conference on Complex Networks (CompleNet)	2018
International Conference on Complex Networks and their Applications	2017 – 2018
Workshop on Data Science for Human Performance in Social Networks	2017
International Conference on Social Informatics (SocInfo)	2017 – 2018
International School and Conference on Network Science (NetSci)	2017
World Wide Web Conference (WWW)	2017 – 2019
AAAI Conference on Artificial Intelligence (AAAI)	2016 – 2019
AAAI Conference on Web and Social Media (ICWSM)	2016 – 2018
ACM International Conference on Web Search and Data Mining (WSDM)	2016
SDM Workshop on Mining Networks and Graphs	2015
ACM Web Science Conference (WebSci)	2014
International Conference on Information Fusion (FUSION)	2010 – 2012

Reviewer

Journals

Algorithms, Applied Network Science, BMC Bioinformatics, Chaos, Data Mining and Knowledge Discovery, Entropy, Europhysics Letters, IEEE Communications Magazine, Journal of Machine Learning Research, Journal of Statistical Mechanics, Nature Scientific Reports, Neural Computing and Applications, New Journal of Physics, Physical Review E, Physical Review X, PLOS One, Proceedings of

the IEEE, Science Advances, Social Network Analysis and Mining, Sustainability, Transactions on Knowledge Discovery from Data, Transactions on Signal Processing

Conferences

AAAI (2014, 2016-2019), CompleNet (2018), Complex Networks (2017-2018), FUSION (2010-2012), ICWSM (2014-2018), NetSci (2017), SocInfo (2017-2018), SC (2017-2018), WebSci (2014), WSDM (2016), WWW (2014-2015, 2017-2019)

Workshops

Benelux meeting on systems and control (2017), Belgian Network Research Meeting (2016), CCS Corse-graining complex systems (2016), Data Science for Human Performance in Social Networks (2017), NetSci workshop on Statistical Inference for Network Models (2014), NIPS workshop on Networks: From Graphs to Rich Data (2014), SDM Workshop on Mining Networks and Graphs (2015)

Other Service Roles

Steering committee member	2018 – 2021
Winter Workshop on Complex Systems	
Publicity Chair	2018
International Conference on Complex Networks and Their Applications	
Advisory panel member	2017 – 2018
W. England Academic Health Science Network Digital Engagement Platform	
Elected council member	2016 – 2019
Complex Systems Society	

STUDENT ADVISING

Doctoral Students

Matteo Cinelli (with A. Iovanella), Uni. of Rome Tor Vergata	2017 – 2018
Leonardo Gutierrez Gomez (with J-C. Delvenne), ICTEAM, UCLouvain	2016 – 2018
Amir Ghasemian (with A. Clauset), Comp. Sci., CU Boulder	2015 – 2016

Masters Students

Kira Kowalska (intern), BAE Systems ATC / Eng. Maths, U. of Bristol	2011
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Undergraduate Students

Henri Devillez (with M. Faccin), Applied Maths, UCLouvain	2016
Margerie Huet (with M. Faccin), Elec. Eng., UCLouvain	2016
Robert Cazaciuc (intern), BAE Systems ATC / Comp. Sci., U. of York	2011
Chris Howarth (intern), BAE Systems ATC / Maths, U. of Bath	2009 – 2010
Robert Presley (intern), BAE Systems ATC / Maths, U. of Bath	2008

TEACHING

University Courses

- Algorithms in data science LINMA 2472 (Graduate) Autumn 2018
Lecturer – UCLouvain
- Algorithms in data science LINMA 2472 (Graduate) Autumn 2017
Lecturer – UCLouvain
- Integer Programming LINMA 2450 (Graduate) Autumn 2015
Teaching Assistant – UCLouvain
- Algorithms CSCI 3014 (Undergraduate) Spring 2014
Guest Lecturer – University of Colorado
- Networks CSCI 5352 (Graduate) Autumn 2014
Guest Lecturer – University of Colorado

- Networks CSCI 5352 (Graduate)
Guest Lecturer – University of Colorado

Autumn 2013

Tutorial Seminars

- Network inference in practice.
Mediterranean School of Complex Networks, Salina, Italy. September, 2018
- Philosophy and practice of community detection
Winter Workshop on Complex Systems, Petnica Science Centre, Serbia. February 2017
- Philosophy and practice of community detection
AsCII Tutorial Seminar, UCLouvain, Belgium. March 2017

OUTREACH

DataBeers Brussels *Founder and Organiser*

2016 – present

with Jelena Grujic, Johan Loeckx, and Christina Makarona

Recurring public outreach and networking event (<http://databeers.brussels/>)

- October 2018
Speakers: Hannelore Aerts, Alexandre Bovet
- May 2018
Speakers: Robert Calderbank, Ingrid Daubechies, Pierre-Henri Golard, Katrien Beuls, Gert de Geyter
- March 2018
Speakers: Luc Steels, Aimee Coelho, Julien Hendrickx, Maarten Lambrechts
- January 2018
Speakers: Gautier Krings, Ellie D'Hondt, Michael Gillon, Genevieve Quek
- November 2017
Speakers: Lisa Truyers, Leen Dieltjens, Karim Douieb, Baldwin Berges, Vsevolod Salnikov, Tias Guns
- September 2017
Speakers: Jerome Kunegis, Kris Peeters, Vassilis Syropoulos, Rosanna Kurrer
- May 2017
Speakers: Winnie Poncelet, Shamma Raghib, Daniel Perez, Bavo Van den Heuvel
- November 2016
Speakers: Christina Makarona, Pierre Deville, Marc Vael, Pieter Colpaert

SCHOOLS AND COURSES ATTENDED

- Mediterranean School of Complex Networks, Sicily, 2015
- Summer Teaching as Research Institute for Post-docs in Engineering (STRIPE), University of Colorado, *Boulder, Colorado, USA*, 2014
- Complex Systems Summer School, Santa Fe Institute, *Santa Fe, New Mexico, USA*, 2014
- Machine Learning Summer School, MLSS Series, *Bordeaux, France*, 2011
- Pattern Analysis and Time Series Modelling, Aston University, *Aston, UK*, 2008
- Simultaneous Localisation And Mapping Summer School, SLAM Summer School Series, *Oxford, UK*, 2006
- PRINCE 2 Foundation and Practitioner Project Management, OCG, *UK*, 2006

HARDWARE AND SOFTWARE SKILLS

Computer Programming:

- Python, Java, C++, JavaScript, SQL, Prolog, Fril, Hadoop, Html

Numerical Analysis:

- Numpy/Scipy, MATLAB, R

Desktop Editing and Production Software:

- Vim, Scite, T_EX (L^AT_EX, B^BT_EX), Microsoft Office, OpenOffice.org, Google Docs, InkScape, D3.js, Matplotlib

Operating Systems:

- Microsoft Windows family, Linux