

2017 Imperial College Computing Student Workshop

ICCSW'17, September 26–27, 2017, London, United Kingdom

Edited by

Fergus Leahy
Juliana Franco



ICCSW17

Editors

Fergus Leahy
Department of Computing
180 Queen's Gate, London, SW7 2AZ
United Kingdom
fergus.leahy@imperial.ac.uk

Juliana Franco
Department of Computing
180 Queen's Gate, London SW7 2AZ
United Kingdom
juliana.franco@imperial.ac.uk

ACM Classification 1998

(To be completed)

ISBN 424-2-424242-424-2

Published online and open access by

Schloss Dagstuhl – Leibniz-Zentrum für Informatik GmbH, Dagstuhl Publishing, Saarbrücken/Wadern, Germany. Online available at <http://www.dagstuhl.de/dagpub/424-2-424242-424-2>.

Publication date

(To be completed: Month, Year)

Bibliographic information published by the Deutsche Nationalbibliothek

The Deutsche Nationalbibliothek lists this publication in the Deutsche Nationalbibliografie; detailed bibliographic data are available in the Internet at <http://dnb.d-nb.de>.

License

This work is licensed under a Creative Commons Attribution 3.0 Unported license (CC-BY 3.0): <http://creativecommons.org/licenses/by/3.0/legalcode>.



In brief, this license authorizes each and everybody to share (to copy, distribute and transmit) the work under the following conditions, without impairing or restricting the authors' moral rights:

- Attribution: The work must be attributed to its authors.

The copyright is retained by the corresponding authors.

Digital Object Identifier: 10.4230/OASlcs.CVIT.2016.0

ISBN 424-2-424242-424-2

ISSN 1868-8969

<http://www.dagstuhl.de/oasics>

OASlcs – OpenAccess Series in Informatics

OASlcs aims at a suitable publication venue to publish peer-reviewed collections of papers emerging from a scientific event. OASlcs volumes are published according to the principle of Open Access, i.e., they are available online and free of charge.

Editorial Board

- Daniel Cremers (TU München, Germany)
- Barbara Hammer (Universität Bielefeld, Germany)
- Marc Langheinrich (Università della Svizzera Italiana – Lugano, Switzerland)
- Dorothea Wagner (*Editor-in-Chief*, Karlsruher Institut für Technologie, Germany)

ISSN 2190-6807

<http://www.dagstuhl.de/oasics>

Insert dedication here.

■ Contents

Keynotes

How to Write a Good Paper <i>Simon Peyton Jones</i>	01:1–01:1
JavaScript: A Whirlwind tour <i>Leszek Swirski</i>	02:1–02:1

Regular Papers

Equivalence of Probabilistic μ -Calculus and p-Automata <i>Claudia Cauli and Nir Piterman</i>	03:1–03:10
Improving the Latency and Throughput of ZooKeeper Atomic Broadcast <i>Ibrahim EL-Sanosi and Paul Ezhilchelvan</i>	04:1–04:10
Demand for Medical Care by the Elderly: A Nonparametric Variational Bayesian Mixture Approach <i>Christoph F. Kurz and Rolf Holle</i>	05:1–05:7
Discriminative and Generative models for clinical risk estimation: An empirical comparison <i>John Stamford and Chandra Kambhampati</i>	06:1–06:9
Hey there's DALILA: a Dictionary LearnIng LibrAry <i>Veronica Tozzo, Vanessa D'Amario, and Annalisa Barla</i>	07:1–07:15
Faster Concurrent Range Queries with Contention Adapting Search Trees Using Immutable Data <i>Kjell Winblad</i>	08:1–08:12

Abstracts

Gesture Recognition and Classification using Intelligent Systems <i>Norah Alna'im and Maysam Abbod</i>	09:1–09:1
KubeNow: a cloud agnostic platform for microservice-oriented applications <i>Marco Capuccini, Anders Larsson, Salman Toor, and Ola Spjuth</i>	10:1–10:2



Preface

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut mattis elementum fermentum. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Nulla sapien magna, bibendum in dictum sed, egestas vel purus. Pellentesque id ornare lacus. Pellentesque justo elit, sodales a fringilla vitae, gravida sed elit. Etiam turpis eros, tincidunt sit amet tempor sed, gravida quis eros. Mauris et nunc enim. Ut congue rhoncus odio vitae lacinia. Nunc placerat est eu eros dignissim ac tristique nisi placerat. Fusce et hendrerit justo. Nunc feugiat pulvinar nunc ac tincidunt. Donec eu pharetra metus. Cras malesuada ante accumsan purus dignissim euismod. Curabitur risus ante, aliquet ut suscipit eget, vulputate non ligula. Nullam eleifend malesuada est, nec adipiscing sapien eleifend eget. Vestibulum fringilla diam id felis sagittis aliquet. Maecenas sed metus vel dui vulputate pretium et id lacus. Ut eget libero augue, ut aliquet orci. Integer sed nunc id massa interdum imperdiet. Nunc ut consequat eros.

Morbi hendrerit dapibus augue. Proin sed adipiscing ipsum. Ut vulputate ultricies diam id dictum. Nunc pharetra imperdiet sodales. Morbi convallis massa vitae justo adipiscing nec congue nunc fringilla. Pellentesque eu rhoncus ligula. Nam eros neque, hendrerit a rhoncus vel, molestie nec nulla. Ut iaculis vulputate mauris, non scelerisque dolor fringilla sit amet. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Quisque vitae accumsan risus. Sed molestie dictum venenatis. Sed odio justo, gravida et vulputate eu, congue et lorem.



■ Conference Organisation

Organising Committee

Juliana Franco

Fergus Leahy

Kyriacos Nikiforou

Simon Olofsson

Mengjiao Wang

Pamela Bezerra

Shale Xiong

Oana Cocarascu

Assel Altayeva

Nick Pawlowski

Casper da Costa-Luis

Imperial College London

Imperial College London

Imperial College London

Imperial College London

Imperial College London

Imperial College London

Imperial College London

Imperial College London

Imperial College London

Imperial College London

Imperial College London



Imperial College London

ACM Student Chapter

<http://acm.doc.ic.ac.uk/>



Ambassadors

Sami Alajrami

Newcastle University

■ Supporters and Sponsors

Supporting Scientific Institutions

**Imperial College
London**

Imperial College London
<http://www.imperial.ac.uk/>



HiPEDS: Imperial College London
<http://wp.doc.ic.ac.uk/hipeds/>

Platinum Sponsors



Google Inc.
<http://www.google.com/>



■ List of Authors

John Q. Public
Dummy University Computing Laboratory
Address, Country
johnqpublic@dummyuni.org

