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On Gathering Biomedical Imaging Scientists Together

Arrate Muñoz-Barrutia

Universidad Carlos III de Madrid

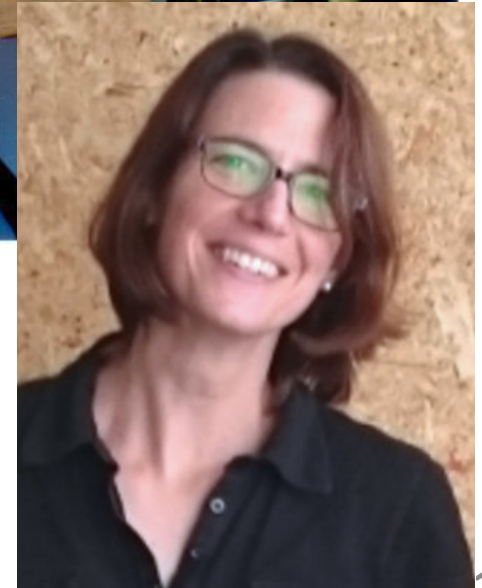
Instituto de Investigación Sanitaria Gregorio Marañón, Madrid, Spain

Email: mamunozb@ing.uc3m.es

Web: <http://image.hggm.es>

THE BEGINNING

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Cover sheet, ICIP'99

Efficient Image Resizing Using Finite Differences

General techniques and algorithms,
interpolation, affine transformation.

The novel algorithm computes the resized version of an image (magnification or reduction) using projections in spline spaces.

The quality of the enlargement is critical in medical diagnosis while good reduction is important for storing the data with minimum loss of information. In order to achieve high quality, we consider a projection-based approach as an alternative to the standard interpolation method.

The original contribution consists in the efficient and exact calculation of the least-squares solution to resizing an image using splines of any order. The resizing and shifting parameters are arbitrary. An exact calculation is made possible thanks to a new finite difference technique that allows an exact computation of inner-products with B-splines.

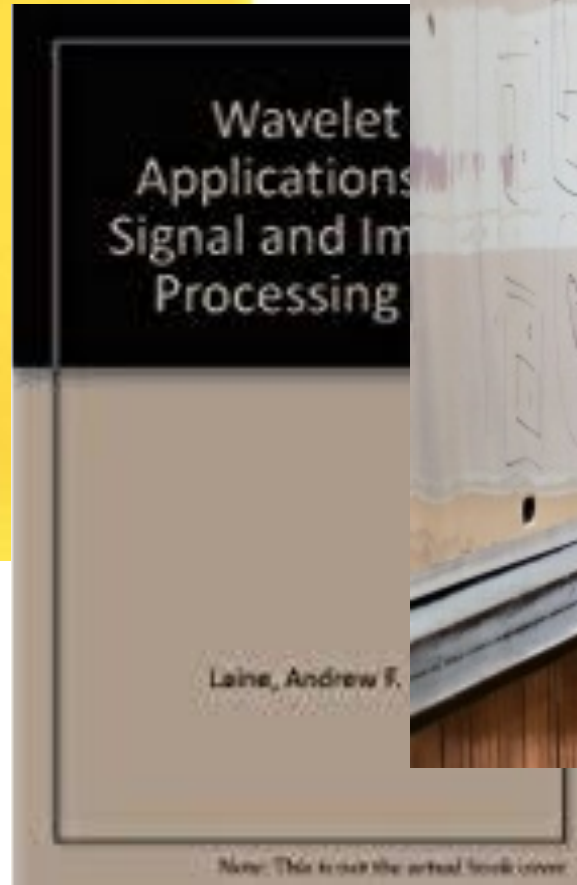
Arrate Muñoz Barrutia
Biomedical Imaging Group, IOA, DMT
Swiss Federal Institute of Technology (EPFL)
CH-1015 Lausanne, Switzerland
tel: +41 (21) 693 37 56
fax: +41 (21) 693 37 01
email: Arrate.Munoz@epfl.ch

<http://cs.uef.fi/~franti/gallery/kobe/>



THE SUSPICTION

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ISBI 2002 was held 7-10 July 2002 at the Ritz-Carlton Hotel, Washington, DC.

This document summarizes the meeting.

Out of 355 submitted papers, 73 were accepted for oral presentation and 142 for poster presentation.

There were also 69 papers total in special sessions.

There were 535 attendees.

Organizing committee

Position	Name
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Technical Co-Chair	Michael Vannier
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Special Sessions	Jean-Louis Coatrieux
NIBIB representative	Richard Swaja
Finance Chair	(SPS and EMBS staff)



SPIE CONFERENCE

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www.waveletseries.org

San Diego, CA, 26-31 August 2007

WAVELETS XII

www.waveletseries.org

San Diego, CA, 2-6 August 2009

WAVELETS XIII



2006 IEEE International Symposium on Biomedical Imaging: From Nano to Macro

April 6-9, 2006 • Crystal Gateway Marriott • Arlington, Virginia, U.S.A.

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Carnegie Mellon University, USA
jelenak@cmu.edu

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meijering@imagescience.org

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Jong Chul Ye
Korea Advanced Institute of Science and Technology, Korea
jongcye@biosys.kaist.ac.kr

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Carnegie Mellon University, USA
murphy@cmu.edu

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Pompeu Fabra University, Spain
alejandro.frangi@upf.edu

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lane@columbia.edu

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brooks@ece.neu.edu

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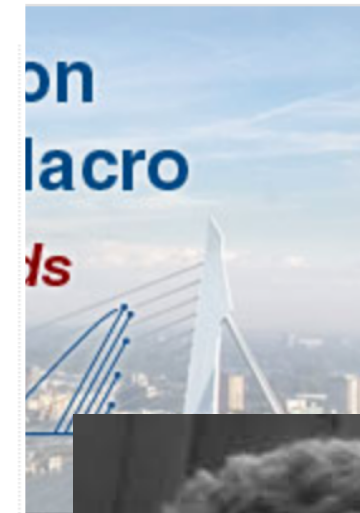
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How the 2010 ash cloud caused chaos: facts and figures

The eruption of Grimsvotn, Iceland's most active volcano, has rekindled memories of last year's ash crisis which shut European airspace and sent disruption rippling worldwide.



Lava and ash explode out of the caldera of Iceland's Eyjafjallajokull volcano Photo: REUTERS





2011 IEEE International Symposium on Biomedical Imaging: From Nano to Macro

IEEE EMB *IEEE Signal Processing Society*

30 March – 2 April 2011 • Chicago, Illinois, U.S.A.

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Steve Wright
Texas A&M University, USA

Program Chairs

Xiaochuan Pan
University of Chicago, USA

Michael Liebling
UC Santa Barbara, USA





International Symposium on
BIOMEDICAL IMAGING: From Nano to Macro

April 7-11, 2013



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For reservation please call 1-888-627 8561 or click [here](#).

Please note that there are *two* Westin hotels in San Francisco. Please make sure that you make your reservations at the correct hotel [here](#).

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	Lawrence Staib Yale University New Haven, CT USA

IMPORTANT DATES

Deadline for Early Registration:
Friday, March 15, 2013

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ISBI'16

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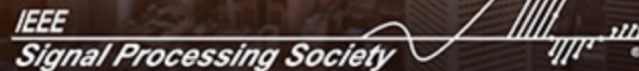
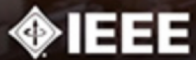
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- [Boudewijn Lelieveldt](#), Leiden University Medical Center, NL
- [Karl Rohr](#), University of Heidelberg and DKFZ, DE



IEEE International Symposium on Biomedical Imaging

April 18-21, 2017, Melbourne, Australia



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IEEE International Symposium on Biomedical Imaging

#ISBI19



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The **IEEE International Symposium on Biomedical Imaging (ISBI)** is a scientific conference dedicated to mathematical, algorithmic, and computational aspects of biological and biomedical imaging, across all scales of observation. It fosters knowledge transfer among different imaging communities and contributes to an integrative approach to biomedical imaging. ISBI is a joint initiative from the IEEE Signal Processing Society (SPS) and the IEEE Engineering in Medicine and Biology Society (EMBS). The 2019 meeting will be held in Venice, Italy and will include tutorials, challenges and a scientific program composed of plenary talks, invited special sessions, as well as oral and poster presentations of peer-reviewed papers. High-quality papers are requested containing original contributions to the topics of interest including image formation and reconstruction, image processing and analysis, dynamic imaging, visualization, image quality assessment, machine learning for big image data, and physical, biological, and statistical modeling. Accepted 4-page regular papers will be published in the symposium proceedings published by IEEE and included in IEEE Xplore. To encourage attendance by a broader audience of imaging scientists and clinical professionals and to offer additional presentation opportunities, ISBI 2019 will include special sessions with specific clinical focus and it will continue to have a second track featuring posters selected from 1-page abstract submissions.

Important Dates

Proposal Submission

Tutorials & Challenges **May 28, 2018 - September 24, 2018**

Special Sessions **May 15, 2018 - June 5, 2018**

4 page papers

Submission Opens **July 31, 2018**

Submission Deadline **October 9, 2018**

Accept/Reject Notification **December 18, 2018**

Final Submission **January 15, 2019**

1 page papers

Submission Opens **November 19, 2018**

Submission Deadline **January 15, 2019**

Accept/Reject Notification **January 29, 2019**

Final Submission **February 12, 2019**

Further information and details about the Conference, including Keynotes, Program, Registration, and Venue, will be available on:

<https://biomedicalimaging.org/2019/>

Organizing Committee

General Chairs

Marius George Linguraru
MLinguraru@childrensnational.org
Enrico Grisan
enrico.grisan@unipd.it

Program Chairs

Maria Ledesma Carbayo
mledesma@die.upm.es
Miguel Ángel González Ballester
ma.gonzalez@upf.edu

Special Advisor

Daniel Rueckert
d.rueckert@imperial.ac.uk

Executive Coordinator

Elisa Rocca
elisa.rocca@kcl.ac.uk

Financial Chair

Elsa Angelini
e.angelini@imperial.ac.uk

Plenary Chairs

Perrine Paul-Gilloteaux
Perrine.Paul-Gilloteaux@univ-nantes.fr
Wiro Niessen
w.niessen@erasmusmc.nl

Special Sessions

Michael Liebling
michael.liebling@idiap.ch
Natalia Lepore
nlepor@chla.usc.edu

Tutorials

Albert C.S. Chung
achung@cse.ust.hk
Laure Blanc-Féraud
laure.blancferaud@cnrs.fr

Tutorials

Albert C.S. Chung
achung@cse.ust.hk
Laure Blanc-Féraud
laure.blancferaud@cnrs.fr

Challenges

Selen Atasoy
selenatasoy@googlemail.com
Tom Vercauteren
t.vercauteren@ucl.ac.uk

Awards

Alison Noble
alison.noble@eng.ox.ac.uk
Olivier Salvado
olivier.salvado@csiro.au

Communication

Juan J. Cerrolaza
j.cerrolaza-martinez@imperial.ac.uk

Local Arrangements

Gloria Menegaz
gloria.menegaz@univr.it
Cristiana Corsi
cristiana.corsi3@unibo.it

NIH Liaison

Matthews Jacob
matthews-jacob@uiowa.edu

Industrial Liaisons

Jens Rittscher
jens.rittscher@eng.ox.ac.uk
Dirk Padfield
dirkpadfield@gmail.com
Alberto Santamaria-Pang
santamar@ge.com
Tammy Riklin Raviv
rrtammy@bgu.ac.il

Clinical Liaisons

Luca Marinelli
marinelli@research.ge.com
Marco Catani
marco.1.catani@kcl.ac.uk
Emanuele Neri
emanuele.neri@med.unipi.it

World Liaisons

Leo Joskowicz
josko@cs.huji.ac.il
Hasan Al-Nashah
hnashah@aus.edu
Gozde Unal
unalgo@itu.edu.tr
Xinjian Chen
xjchen@suda.edu.cn
Akinobu Shimizu
simiz@cc.tuat.ac.jp
Jayanthi Sivaswamy
jsivaswamy@nit.ac.in
Leigh A Johnston
l.johnston@unimelb.edu.au
Eduardo Romero
edromero@unal.edu.co
Habib Kammoun
habib.kammoun@ieee.org

Student Liaisons

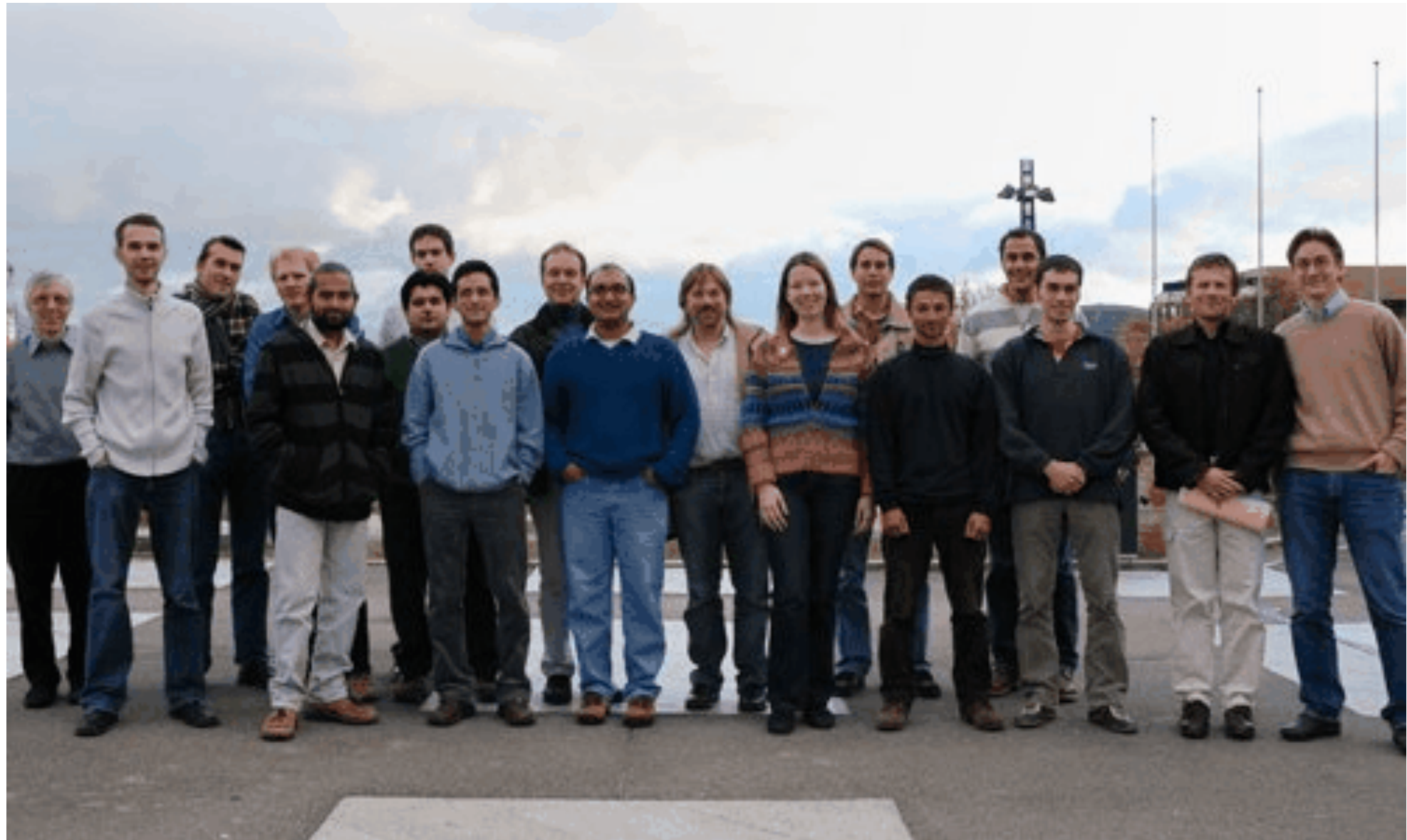
Luca Giancardo
luca.giancardo@uth.tmc.edu
Alessandro Masci
alessandro.masci4@unibo.it

OUR LEGACY

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WHAT WOULD BE YOURS?



COME, COME WITH US, COME

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<https://youtu.be/ca4t2EkThQw>

