



Proceedings

The following table compiles all papers, corpora, notebooks, talks, and runs of PAN 2013.

PAN Overview Papers

Tin Gollub, Martin Potthast, Anna Beyer, Mathias Busse, Francisco Rangel, Paolo Rosso, Efsthios Stamatos, and Benno Stein.

Recent Trends in Digital Text Forensics and its Evaluation: Plagiarism Detection, Author Identification, and Author Profiling.

[\[paper\]](#) [\[slides\]](#)

Martin Potthast, Mathias Hagen, Tin Gollub, Martin Tippmann, Johannes Kiesel, Paolo Rosso, Efsthios Stamatos, and Benno Stein.

Overview of the 5th International Competition on Plagiarism Detection.

[\[paper\]](#) [\[slides\]](#)

Patrick Juola and Efsthios Stamatos.

Overview of the Author Identification Task at PAN 2013.

[\[paper\]](#) [\[slides\]](#)

Francisco Rangel, Paolo Rosso, Moshe Koppel, Efsthios Stamatos, and Giacomo Inches.

Overview of the Author Profiling Task at PAN 2013.

[\[paper\]](#) [\[slides\]](#)

PAN Keynotes

Cindy K. Chung.

Identifying Personality and Psychological States in Words.

[\[slides\]](#)

Lawrence Solan.

Linguistic Evidence in Court: Current Issues, Current Trends

[\[slides\]](#)

PAN Data Sets

Plagiarism Detection: Source Retrieval

[\[training corpus\]](#) [\[testcorpus 1\]](#) [\[testcorpus 2\]](#)

Plagiarism Detection: Text Alignment

[\[training corpus\]](#) [\[testcorpus 1\]](#) [\[testcorpus 2\]](#)

Author Identification

[\[training corpus\]](#) [\[testcorpus 1\]](#) [\[testcorpus 2\]](#)

Author Profiling

[\[training corpus\]](#) [\[testcorpus 1\]](#) [\[testcorpus 2\]](#)

Plagiarism Detection

Victoria Elzable.

Using statistic and semantic analysis to detect plagiarism - Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#)

Lee Gillam.

Guess again and see if they line up: Suneys runs at plagiarism detection - Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[runs\]](#)

Osama Haggag and Samhaa Elbelagy.

Plagiarism Candidate Retrieval Using Selective Query Formulation and Discriminative Query Scoring - Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[slides\]](#) [\[poster\]](#)

Arun Jayapalan and Binayak Goswami.

Submission to the plagiarism detection task from Nuance Communications, USA.

[\[runs\]](#)

Kong Leilei, Qi Haoliang, Du Cuxia, Wang Mingxing, and Han Zhongyuan.

Approaches for Source Retrieval and Text Alignment of Plagiarism Detection - Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[runs\]](#) [\[slides\]](#)

Taemin Lee, Jeongmin Chae, Kinam Park, and Soonyoung Jung.

CopyCaptor: Plagiarized Source Retrieval System using Global word frequency and Local feedback - Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[poster\]](#)

Alireza Nourian.

Submission to the plagiarism detection task from Tian University of Science and Technology, Iran.

[\[runs\]](#) [\[runs\]](#)

Yuri Palkovskii and Alexei Belev.

Using Hybrid Similarity Methods for Plagiarism Detection - Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#)

Diego A. Rodríguez Torrejón and José Manuel Martín Ramos.

TextAlign module in CoReMo 2.1 Plagiarism Detector - Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[slides\]](#) [\[poster\]](#)

Mehrin Saremi and Farzin Yaghmaee.

Submission to the plagiarism detection task from Semnan University, Iran.

[\[runs\]](#)

Prasha Shrestha and Thamar Sobrio.

Using a Variety of n-Grams for the Detection of Different Kinds of Plagiarism - Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[poster\]](#)

Šimon Suchomel, Jan Kasprzak, and Michal Brandejs.

Diverse Queries and Feature Type Selection for Plagiarism Discovery - Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[runs\]](#) [\[poster\]](#)

Ondřej Veselý, Tomáš Foltýnek, Jiří Rybicka.

Source Retrieval via Naïve Approach and Passage Selection Heuristics - Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[poster\]](#)

Kyle Williams, Hung-Hsuan Chen, Sagnik Ray Choudhury, and C. Lee Giles.

Unsupervised Ranking for Plagiarism Source Retrieval - Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[slides\]](#)

Author Identification

Victoria Bobirev.

Authorship Detection with PPM - Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#)

Vanessa WeiFeng and Graeme Hirst.

Authorship Verification with Entity Coherence and Other Rich Linguistic Features - Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#)

M.R. Ghaeni.

Intrinsic Author Identification Using Modified Weighted KNN - Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#)

Cristian Grozea and Marius Popescu.

Submission to the author identification task from the Fraunhofer Institute for Open Communication Systems, Germany.

[\[runs\]](#)

Oren Havrani, Martin Steinebach, and Ralf Zimmermann.

Authorship Verification via k-NearestNeighborEstimation -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[slides\]](#)

Magdalena Jankowska, Vlado Kešelj, and Evangelos Milos.

Proximity based one-class classification with Common N-Gram dissimilarity forauthorship verification task -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[slides\]](#)

Arun Jayapalan and Binayak Goswami.

Vectorspace model and Overlap metric forAuthorIdentification -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#)

Roman Kem.

GrammarCheckerFeatures forAuthorIdentification and AuthorProfiling -Notebook forPAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[runs\]](#) [\[poster\]](#)

Robert Layton, Paul Watters, and Richard Dazeley.

Local n-grams forAuthorIdentification -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#)

Paola Ledesma, Gibran Fuentes, Gabriela Jasso, Angel Toledo, and Ivan Meza.

Distance learning forAuthorVerification -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#)

Ewan Moreau and Carl Vogel.

Style-based distance features forauthorverification -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[poster\]](#)

Timo Peterson.

Authorship identification using correlations of frequent features -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#)

Shachar Seidman.

Authorship Verification Using the Impostors Method -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#)

Sorin Fratila.

Submission to the author identification task from the Polytechnic University of Bucharest, Romania.

[\[runs\]](#)

Michiel van Dam.

A Basic Character N-gram Approach to Authorship Verification -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#)

Anna Vartapetian and Lee Gillam.

A Textual Modus Operandi: Suneys Simple System forAuthorIdentification -Notebook forPAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[poster\]](#)

CorJ.Veenman and ZhenshiLi.

Authorship Verification with Compression Features.

[\[paper\]](#) [\[runs\]](#) [\[slides\]](#)

Dames Vilariño, David Pinto, Helena Gómez, Saúl León, and Esteban Castillo.

LexicalSyntactic and Graph-Based Features for Authorship Verification -Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#)

Author Profiling

Yuridiana Alemán, Nahun Loya, Dames Vilariño, and David Pinto.

Two methodologies applied to the authorprofiling task.

[\[paper\]](#) [\[runs\]](#) [\[poster\]](#)

Leticia Cagnina, Darío Funez and Marcelo Erecalde.

Submission to the authorprofiling task from the Universidad Nacional de San Luis, Argentina.

[\[runs\]](#)

Andrés Alfonso Caurcel Díaz and José María Gómez Hidalgo.

Experiments with SMS Translation and Stochastic Gradient Descent in Spanish Text Author Profiling -Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#)

Fernán L. Cruz, Rafael Haro R., and F. Javier Ortega.

ITALICA at PAN 2013: An Ensemble Learning Approach to Author Profiling -Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#)

María De-Arteaga, Sergio Jiménez, George Dueñas, Sergio Mancera and Julia Baquero.

Author Profiling Using Corpus Statistics, Lexicons and Stylistic Features -Notebook for PAN at CLEF-2013.

[\[paper\]](#) [\[runs\]](#) [\[poster\]](#)

Lucie Flekova and Iryna Gurevych.

Can We Hide in the Web? Large Scale Simultaneous Age and Gender Author Profiling in Social Media -Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[poster\]](#)

Lee Gillam.

Readability for authorprofiling? -Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[slides\]](#)

Delia Itazú Hernández, Rafael Guzmán-Cabrera, Antonio Reyes, and Martha Alicia Rocha.

Semantic-based Features for Author Profiling Identification: First insights -Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[poster\]](#)

Magdalena Jankowska, Vlado Kešelj, and Evangebs M ĩls.

CNG textclassification forauthorship profiling task -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[poster\]](#)

Susana Ladr , Francisco C laude, and Roberto Konow .

Subm ission to the authorprofiling task from the University ofA Com a, Spain, the University of W aterbo, Canada, and Roberto Konow , Chile .

[\[runs\]](#)

W ee-Yong Lin , Jonathan G oh, and V rilynn L.L.Thing .

Content-centric age and genderprofiling -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[poster\]](#)

A .PastorL pez-M onroy, M anuelM ontes-y-G  m ez, Hugo JairEscalante, Lu  Villase or-P  neda, and Esa  Villatoro-Telb .

NAO E's participation atPAN 13: AuthorProfiling task -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[slides\]](#) [\[poster\]](#)

Seifeddine M ehti, MaherJaoua, and Lam ia Hadrich Belguith.

AuthorProfiling Using Style-based Features -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#)

M icha  Me a, Karol na Brodz nska, Bartosz Celm er, M a a C zok w , M artyna Patera, Jakub Pezacki, and M ateusz W ilk.

Ensem ble-based classification forauthorprofiling using various features -Notebook forPAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[slides\]](#) [\[poster\]](#)

Ewan M oreau and CarlVogel.

Style-based distance features forauthorprofiling -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[poster\]](#)

Bra a G opalPatra, Som nath Banerjee, D  pankarDas, Tanik Saikh, and S  vaj Bandyopadhyay.

Autom atic AuthorProfiling Based on Linguistic and Stylistic Features -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#) [\[poster\]](#)

Aditya Pavan, Aditya M ogada , and Vasudeva Vam a.

Authorprofiling using LDA and M axim um Entropy -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#)

K Santosh, Rom  lBansal, M  h rShekhar, and Vasudeva Vam a.

AuthorProfiling: Predicting Age and Gender from B lgs -Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#)

Upendra Sapkota, Tham arSobrio, M anuelM ontes-y-G  m ez, and G abriel  Ram  rez-de-la-Rosa .

AuthorProfiling forEnglish and Spanish Text-Notebook forPAN atCLEF 2013.

[\[paper\]](#) [\[runs\]](#)

Edson R.D. Weren, Viviane P. Moreira, and José P.M. de Oliveira.

Using Simple Content Features for the Author Profiling Task - Notebook for PAN at CLEF 2013.

[\[paper\]](#) [\[runs\]](#)

Workshop Program

PAN is co-located with the CLEF conference and will be held from September 23 to 26, 2013.

Schedule

September 23

14:00-17:30 **Lab overviews (incl. Coffee break)**

15 min. talk Recent Trends in Digital Text Forensics and its Evaluation

Tim Gollub, Martin Potthast, Anna Beyer, Matthias Busse, Francisco Rangel, Paolo Rosso, Efsthios Stamatatos, and Benno Stein

17:30-18:00 **Poster Booster Session**

18:00-19:30 **Poster Session + Welcome Reception**

Approaches for Source Retrieval and Text Alignment of Plagiarism Detection
Leilei Kong, Haoliang Qi, Cuixia Du, Mingxing Wang and Zhongyuan Han

Text Alignment Module in CoReMo 2.1 Plagiarism Detector
Diego Antonio Rodríguez-Torrejón and José Manuel Martín Ramos

Guess again and see if they line up: Sune's runs at plagiarism detection
Lee Gillam

Unsupervised Ranking for Plagiarism Source Retrieval
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Plagiarism Candidate Retrieval Using Selective Query Formulation and Discriminative Query Scoring
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Diverse Queries and Feature Type Selection for Plagiarism Discovery

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Using Hybrid Similarity Methods for Plagiarism Detection Notebook for PAN at CLEF 2013

Yurii Palkovskii and Alexei Belov

Grammar Checker Features for Author Identification and Author Profiling

Roman Kern

Distance Learning for Author Verification

Paola Ledesma, Gibran Fuentes, Gabriela Jasso, Angel Toledo, and Ivan Meza

Style-based Distance Features for Author Verification

Erwan Moreau and Carl Vogel

Authorship Identification Using Correlations of Frequent Features

Timo Petmanson

A Textual Modus Operandi: Suney's Simple System for Author Identification

Anna Vartapetian and Lee Gillam

Lexical-Syntactic and Graph-Based Features for Authorship Verification

Darnes Vilariño, David Pinto, Helena Gómez, Saúl León, and Esteban Castillo

Intrinsic Author Identification Using Modified Weighted KNN

M.R. Ghaeini

Vector Space Model and Overlap Metric for Author Identification

Arun Jayapal and Binayak Goswami

INAOE's participation at PAN 13: Author Profiling task

A. Pastor López-Monroy, Manuel Montes-Y-Gómez, Hugo Jair Escalante, Luis Villaseñor-Pineda and Esaú Villatoro-Tello

Ensemble-based classification for author profiling using various features

Michal Meina, Karolina Brodzińska, Bartosz Celmer, Maja Czoków, Martyna Patera, Jakub Pezacki and Mateusz Wilk

Author Profiling Using Corpus Statistics, Lexicons and Stylistic Features

Maria De-Arteaga, Sergio Jimenez, George Dueñas, Sergio Mancera and Julia Baquero

Can We Hide in the Web? Large Scale Simultaneous Age and Gender Author Profiling in Social Media

Lucie Flekova and Iryna Gurevych

Readability for author profiling?

Lee Gillam

Automatic Author Profiling Based on Linguistic and Stylistic Features

Braja Gopal Patra, Somnath Banerjee, Dipankar Das, Tanik Saikh and Sivaji Bandyopadhyay

Semantic-based Features for Author Profiling Identification: First insights

Delia Irazu Hernandez Farias, Rafael Guzmán-Cabrera, Antonio Reyes and Martha Alicia Rocha

CNG text classification for authorship profiling task

Magdalena Jankowska, Vlado Keselj and Evangelos Milios

Style-based distance features for author profiling

Erwan Moreau and Carl Vogel

Author Profiling for English and Spanish Text

Upendra Sapkota, Thamar Solorio, Manuel Montes-Y-Gómez and Gabriela Ramírez-De-La-Rosa

Using Simple Content Features for the Author Profiling Task

Edson Weren, Viviane P. Moreira and Jose Oliveira

Two Methodologies Applied to the Author Profiling Task

Yuridiana Aleman, Nahun Loya, Darnes Vilariño, and David Pinto

Content-centric age and gender profiling

Wee Yong Lim, Jonathan Goh and Vrizlynn L. L. Thing

September 24

Keynote & Author Profiling, Chair: Paolo Rosso

11:00-12:00 Identifying Personality and Psychological States in Words

Cindy K. Chung

12:00-12:30 Overview of the Author Profiling Task at PAN 2013

Francisco Rangel, Paolo Rosso, Moshe Koppel, Efsthios Stamatatos and Giacomo Inches

12:30-13:00 INAOE's participation at PAN 13: Author Profiling task

A. Pastor López Monroy, Manuel Montes y Gómez, Hugo Jair Escalante, Luis Villaseñor Pineda and Esaú Villatoro Tello

12:50-13:00 Award for the best performing author profiling approach at PAN 13.

The award is sponsored by the Forensic Lab of the Universitat Pompeu Fabra, Barcelona, in memory of M. Teresa Turell.

13:00-14:30 Lunch

Author Profiling & Author Identification, Chair: Patrick Juola

14:30-14:50 Ensemble-based classification for author profiling using various features
Michał Meina, Karolina Brodzińska, Bartosz Celmer, Maja Czoków, Martyna Patera, Jakub Pezacki and Mateusz Wilk

14:50-15:10 Readability for author profiling?
Lee Gillam

15:10-15:40 Overview of the Author Identification Task at PAN 2013
Patrick Juola and Efstathios Stamatatos

15:40-16:10 Authorship Verification via k-Nearest Neighbor Estimation
Oren Halvani, Martin Steinebach and Ralf Zimmermann

16:10-16:30 Discussion

September 25

Keynote & Author Identification, Chair: Francisco Rangel

11:30-12:30 Linguistic Evidence in Court: Current Issues, Current Trends
Lawrence Solan

12:30-12:50 Authorship Verification with Compression Features
Cor J. Veenman and Zhenshi Li

12:50-13:10 Proximity based One-class Classification with Common N-Gram Dissimilarity for Authorship Verification Task
Magdalena Jankowska, Vlado Keselj and Evangelos Milios

13:10-13:30 Discussion

13:30-14:30 Lunch

Plagiarism Detection, Chair: Efstathios Stamatatos

14:30-15:00 Overview of the 5th International Competition on Plagiarism Detection
Martin Potthast, Matthias Hagen, Tim Gollub, Martin Tippmann, Johannes Kiesel, Paolo Rosso, Efstathios Stamatatos, and Benno Stein

15:00-15:20 Text Alignment Module in CoReMo 2.1 Plagiarism Detector
Diego Antonio Rodríguez-Torrejón and José Manuel Martín Ramos

15:20-15:50 Approaches for Source Retrieval and Text Alignment of Plagiarism Detection
Leilei Kong, Haoliang Qi, Cuixia Du, Mingxing Wang and Zhongyuan Han

16:50-16:10 Plagiarism Candidate Retrieval Using Selective Query Formulation and Discriminative Query Scoring
Osama Haggag and Samhaa El-Beltagy

16:10-16:20 Unsupervised Ranking for Plagiarism Source Retrieval
Kyle Williams, Hung-Hsuan Chen, Sagnik Ray Choudhury and C. Lee Giles

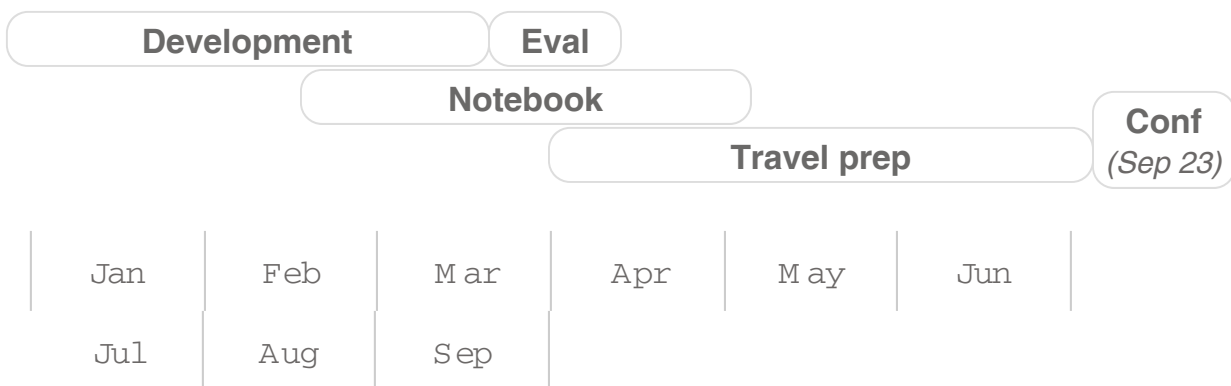
16:20-16:30 Discussion

20:30 Social Dinner: Hotel Baharío Las Arenas

The workshop program is an excerpt that pertains to PAN from the CLEF conference program .

[View conference program »](#)

Timeline



Important Dates

March 1, 2013 (optional).	Early bird software submission
April 15, 2013.	Software submission for text alignment and author identification
April 30, 2013.	Software submission for source retrieval and author profiling
May 15, 2013.	Evaluation result notification
June 1, 2013.	Long paper submission
June 16, 2013.	Short paper submission
June 30, 2013.	Early bird conference registration

Important Dates

September 23-26, 2013.

Conference

All deadlines are Hawaiian time.

Benefits for Early Birds

If you submit a working prototype of your software by **March 1, 2013**, we will **pre-evaluate** it on a subset of your tasks' test data and notify you of your performance. Based on the pre-evaluation, you may revise and resubmit your software for the full evaluation by April 15, 2013.

If you submit your notebook paper by **June 1, 2013**, you may write a **long paper** (8 pages). If you submit it by June 16, 2013, your notebook may only be a short paper (4 pages).

If you register for the CLEF conference by **June 30, 2013**, you may do so at a **reduced fee**.

Notebooks

We ask you to submit a notebook paper, and a short abstract for printing. Please prepare the two texts as outlined below. For your convenience, we provide templates for both.

Notebook

As a participant of PAN you are entitled to submit a notebook paper which gives a concise description of your approach. Should you participate in more than one task, you may submit one notebook each. Your notebook will be accepted by default and it will be published as part of the CLEF conference proceedings.

The deadline for submitting your notebook is **either June 1, 2013**, if you choose to write a long paper (8 pages), **or June 16**, if you choose to write a short paper (4 pages). Your notebook may not exceed the aforementioned page limits, including references, and it must follow the Springer LNCS style guide. Please describe only the approach you implemented to solve the task.

Abstract

Besides the full length notebooks, you are also to submit an abstract, which will be printed in the proceedings volume of the CLEF conference. The abstract should not be longer than 400 words, and it should be structured as follows:

- Title
- Authors
- Affiliations
- Email addresses
- Body of text, which should contain information on:
 - tasks performed
 - main objectives of experiments
 - approach(es) used
 - resources employed
 - results obtained

Please prepare your abstract as a DOC file, and submit it alongside your notebook.

Templates

Notebook template

To prepare your notebook paper, we have prepared templates for both Latex and Microsoft Word which follow the LNC3 guidelines.

Download template

Abstract template

To prepare your abstract, please use this Microsoft Word template. Please do not use any other document format.

Download template

Submission System

Submission of papers and abstracts is to be done electronically through the [EasyChair system](#).

Organizing Committee



Martin Potthast

Bauhaus-Universität Weimar



Tim Gollub

Bauhaus-Universität Weimar



Matthias Hagen

Bauhaus-Universität Weimar



Benno Stein

Bauhaus-Universität Weimar



Paolo Rosso

Universitat Politècnica de València



Parth Gupta

Universitat Politècnica de València



Efsthios Stamatiadis

University of the Aegean



[Patrick Juola](#)

Duquesne University



[Francisco Rangel](#)

Autoritas Consulting



[Giacomo Inches](#)

University of Lugano



[Moshe Koppel](#)

Bar-Ilan University



[Shmuel Argamon](#)

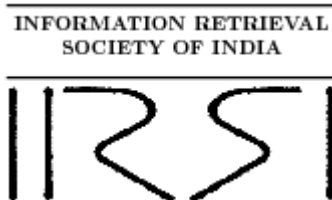
Illinois Institute of Technology

Previous Events

[PAN @ CLEF 12](#)



[PAN @ FIRE 12](#)



[PAN @ CLEF 11](#)



PAN @ FIRE 11

INFORMATION RETRIEVAL
SOCIETY OF INDIA



PAN @ CLEF 10



PAN @ SEPLN 09



PAN @ ECAI08



PAN @ SIGIR 07



Related Events

NLI@ BEA813

**NLI Shared Task
2013**

WCPR @ ICWSM 13



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