PAN

Martin Potthast Benno Stein Matti Wiegmann Paolo Rosso Francisco Rangel Efstathios Stamatatos Mike Kestemont **Enrique Manjavacas** Eva Zangerle Günther Specht

PAN at a Glance pan.webis.de

| 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | PAN |
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| Text Reuse Plagiarism | | | | | | | | | | | Originality |
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| Author Ide | ntification | | | | | | 1 1 1 1 1 1 1 1 | | | | Þ |
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| Author Pro | filing | | | | | | | | | | |
| Author Obf | iuscation | | | | | | | | | | |
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| Credibility | Analysis | | | | | | | | | | ics |

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| Intrinsic plagiarism detection | | | | ! ! ! | | ! ! | | | | | |
| External pla | giarism dete | ection / Text a | alignment | | | | | | | | <u> </u> |
| | | Cross-language text reuse detection | | | | | | | | g. | |
| Text Reuse and Plagiarism Detection | | | Source retr | ieval | | | | | | | riginality |
| Piagiarism | Detection | | | | 1 | | | | | | |
| | | Authorship | attribution | | 1 1 1 1 1 1 1 | | 1 1 1 1 1 1 1 | Cross-don | nain authorshi | p attribution | |
| | · | | | Authorship verification | | | | | • | | |
| | | | | | i i | | Author clus | stering | | | |
| Author Identification | | | | | | | Author diarization / Style change dete | | | ection | |
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| | | | | Age predict | ion | i | <u> </u> | | | | Ä |
| | | | Gender prediction | | | | | | | | Authorship |
| | | | · | | | prediction | Language variety analys | | is | Ë | |
| | | | | | 1 | , | | 3.33 | | s vs. gender | 0 |
| Author Pro | filing | | | | | | | | : | rity profiling | _ |
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| Author Obfuscation | | | | | | | Author mas | Author masking | | | |
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| | Wikipedia vandalism dete | | ection | | | | Wikidata vandalism dete | | ction | | |
| | | | | uality flaw pr | ediction | | 1 | Clickbait de | tection | | |
| Credibility . | Analysis | | Sexual pred | dator identific | ation | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Нур | erpartisan nev | vs detection | thics |

Shared Tasks at PAN 2020

1. Cross-Domain Authorship Verification

Given two documents, determine if they are written by the same author.

2. Style Change Detection

Given two consecutive paragraphs, determine if there is a style change.

3. Analysis of Fake News Followers on Twitter

Given tweets of an author, determine their fake-news likelihood.

4. Celebrity Profiling: Influencer Edition

Given tweets of followers, determine the demographics of the followee.

... plus one more thing



Science Betting



Rationale:

- 1. read notebooks
- 2. understand approaches
- 3. assess their effectiveness

Bet on ...

- $\overline{}$ rank: A_x on 3rd place
- partial order: $A_x > A_y$
- effectiveness: $F(A_x) \ge 0.8$