

**PAPUD****ITEA3 - 16037****Profiling and Analysis Platform Using Deep Learning****D5.2.2 Dissemination**

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Author : Şebnem Güneş Söyler
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HISTORY OF CHANGES

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1 Executive Summary

This document gives information about activities conducted for the purpose of dissemination of the objectives and the outcomes of the PAPUD project.

An effective dissemination of the project's objectives and results is considered very important for the success of the project itself as it will also facilitate the later commercial exploitation.

The goal is to raise public awareness of the developed platform and solutions among key user groups, scientific and industrial communities and general public. All the PAPUD partners will continue to use their established networks to help dissemination.

2 List of activities

Dissemination activity	Target groups
Project Web site	Partners, general public
Participation to joint strategy making for further research efforts and collaboration Contacts and co-operation with European platforms Direct contacts (at EU and/or country level)	EU platforms, Governmental Institutions, policy makers
National and international exhibitions Participation to conferences, seminars	Industry
Participation to seminars, conferences Articles in relevant scientific and technical magazines Definition of joint projects for further research efforts and collaborations Publication of the project results	Scientific community
Participation to events organized by the EUREKA and EU	Other European projects
Internal know-how transfer and collaboration	PAPUD consortium


3 Dissemination Activities – Project Web Site

During the course of the project a web site dedicated to the project was developed and maintained by IMT. <https://papud.wp.telecom-sudparis.eu/>

The information covered by the website include:

- Project Description of PAPUD project.
- Consortium
- Dissemination
- Contact

The web site represents an effective tool for dissemination and for raising awareness of PAPUD project activities and results.



The screenshot shows the PAPUD project website. On the left is a teal sidebar with the PAPUD logo and a navigation menu. The main content area has a white background with a header banner featuring a globe and the text 'Profiling and Analysis Platform Using Deep Learning' and the ITEA3 logo. Below the banner, there is a paragraph about the project's start in December 2017, followed by a paragraph listing 16 partners from 5 countries (Belgium, France, Romania, Spain, and Turkey). Another paragraph describes the project as a deep learning project applied to five domains: e-commerce, call-centers, e-government, human resources, and data centers. The bottom of the page shows the start of a paragraph about 'Data Deluge'.

PAPUD project
Profiling and Analysis Platform Using Deep Learning

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Profiling and Analysis Platform Using Deep Learning

ITEA3

The PAPUD project is a 3 years ITEA3 project (call3) started in december 2017.

This project includes 16 partners from 5 countries, Belgium, France, Romania, Spain and Turkey.

This project is mainly a Deep learning project applied to five domains, e-commerce, call-centers, e-government, human resources and data centers.

The world is experiencing a "Data Deluge" due to radical growth of data stemming from millions of heterogeneous, autonomous sources including social media, Internet of Things, the Web of Things, and various data-intensive industries. The data, regardless which media been sourced from, have critical importance to any

4 Dissemination Activities - Publications

This session gives a list of publications submitted by the partners of the PAPUD project both to scientific journals and workshops.

4.1 Publications (Conference and Journal) - Accepted

Partner Name	IMT
Title	Who Will Like the Post? A Case Study of Predicting Likers on Flickr
Authors	S. Mohammadi, R. Farahbakhsh, and N. Crespi
Reference	Fifth International Conference on Social Networks Analysis, Management and Security (SNAMS). 2018, IEEE
Year	2018

Partner Name	IMT
Title	Scrutinizing News Media Cooperation in Facebook and Twitter
Authors	P. Rajapaksha, R. Farabakhsh, N. Crespi
Reference	<i>IEEE</i>
Year	2018

Partner Name	IMT
Title	Deep Dive on Politician Impersonating Accounts in Social Media
Authors	K. Zarei, R. Farahbakhsh, N. Crespi
Reference	IEEE ISCC 2019, Barcelona, Spain, June 2019
Year	2019

Partner Name	IMT
Title	Consensus Opinion Model in Online Social Networks based on Influential Users
Authors	A. Mohammadinedjad, R. Farabakhsh, N. Crespi
Reference	<i>IEEE Access</i> , vol. 7, pp. 28436-28451
Year	

Partner Name	IMT
Title	User Reactions Prediction Using Embedding Features
Authors	S. Mohammadi, R. Farahbakhsh and N. Crespi
Reference	<i>IEEE Global Communications Conference (Globecom)</i> , Abu Dhabi, UAE, December 2018
Year	2018

Partner Name	IMT
Title	OPIU: Opinion Propagation in Online Social Networks Using Influential Users Impact
Authors	A. Mohammadinejad, R. Farahbakhsh, N. Crespi
Reference	<i>IEEE ICC</i> , Kansas City, USA, May 2018
Year	2018

Partner Name	BULL
Title	CPU overheating characterization in HPC systems: a case study
Authors	Platini, Marc, et al.
Reference	<i>IEEE/ACM 8th Workshop on Fault Tolerance for HPC at eXtreme Scale (FTXS)</i> . IEEE, 2018
Year	2018

Partner Name	Lille University
Title	Impact of the face registration techniques on facial expressions recognition
Authors	Allaert Benjamin, Mennesson José, Bilasco Ioan Marius, Djeraba Chaabane
Reference	<i>Signal Processing : Image Communication</i> , EURASIP, Elsevier, 2018, 61, pp. 44-53
Year	2018

Partner Name	Lille University
Title	Mastering Occlusions by Using Intelligent Facial Frameworks Based on the Propagation of Movement
Authors	Delphine Poux, Benjamin Allaert, José Mennesson, Nacim Ihaddadene, Ioan Marius Bilasco, Chaabane Djeraba
Reference	International Conference on Content-Based Multimedia Indexing (CBMI), Sep 2018, La Rochelle, France
Year	2018

Partner Name	Lille University
Title	Etude de l'apport de la reconstruction des régions occultées du visage pour la reconnaissance des expressions
Authors	Delphine Poux, Benjamin Allaert, Nacim Ihaddadene, Ioan Marius Bilasco, Chaabane Djeraba
Reference	Coresa 2018, 12-14 novembre 2018, Poitiers, France
Year	2018

Partner Name	Lille University
Title	Video-based Face Alignment with Local Motion Modeling
Authors	Belmonte Romain, Ihaddadene Nacim, Tirilly Pierre, Bilasco Ioan Marius and Djeraba Chaabane
Reference	Winter Conference on Applications of Computer Vision (WACV 2019), Hawaii.

Year	2019
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Partner Name	Lille University
Title	Micro and Macro Facial Expression Recognition Using Advanced Local Motion Patterns
Authors	Allaert Benjamin, Bilasco Ioan Marius, Djeraba Chaabane
Reference	IEEE Transactions on Affective Computing, 10.1109/TAFFC.2019.2949559
Year	2019

Partner Name	Lille University
Title	Facial Expressions Analysis Under Occlusions Based on Specificities of Facial Motion Propagation
Authors	Poux, D., Allaert, B., Mennesson, J. et al.
Reference	Multimed Tools Appl (2020). https://doi.org/10.1007/s11042-020-08993-5
Year	2020

Partner Name	LORIA
Title	Deep unsupervised system log monitoring
Authors	Hubert Nourtel, Christophe Cerisara and Samuel Cruz-Lara
Reference	PROFES2019 https://profes2019.upc.edu/ 27-29 November 2019 Barcelona
Year	2019

Partner Name	LORIA
Title	How much can Syntax help Sentence Compression?
Authors	Hoa Le, Christophe Cerisara, Claire Gardent
Reference	ICANN 2019, Sep 2019, Munich, Germany
Year	2019

Partner Name	LORIA
Title	Multi-Lingual Dialogue Act Recognition with Deep Learning Methods
Authors	Jiří Martínek, Pavel Kral, Ladislav Lenc, Christophe Cerisara
Reference	Interspeech 2019, Sep 2019, Graz, Austria. (10.21437/Interspeech.2019-1691)
Year	2019

Partner Name	LORIA
Title	Quality of syntactic implication of RL-based sentence summarization
Authors	Hoa T. Le, Christophe Cerisara, Claire Gardent
Reference	Workshop on Engineering Dependable and Secure Machine Learning Systems of the AAAI-20 Conference on Artificial Intelligence (Oral presentation). New York, ABD
Year	2020

Partner Name	LORIA
Title	Multi-task dialog act and sentiment recognition on Mastodon
Authors	Christophe Cerisara, Somayah Jafaritazehjani, Adedayo Oluokun, Hoa Le
Reference	COLING, Aug 2018, Santa Fe, United States
Year	2018

Partner Name	LORIA
Title	Do Convolutional Networks need to be Deep for Text Classification?
Authors	Hoa T. Le, Christophe Cerisara, Alexandre Denis
Reference	In AAIL Workshop on Affective Content Analysis
Year	2018

Partner Name	BEIA
Title	Geolocation and Social Media for Enhanced Recruitment Campaigns
Authors	George Suciu, Cristina Bălăceanu, Adrian Pasat, Carmen Nădrag
Reference	5th International Multidisciplinary Scientific Conference on SOCIAL SCIENCES & ARTS - SGEM 2018 https://www.sgemsocial.org/ ; Albena - Bulgaria; 24.08.2018 - 01.09.2018
Year	2018

Partner Name	BEIA
Title	Facial Analysis Method for Pain Detection
Authors	Subea, O., & Suciu, G
Reference	In International Conference on Future Access Enablers of Ubiquitous and Intelligent Infrastructures (pp. 167-180). Springer, Cham March 2019
Year	2019

Partner Name	BEIA
Title	A New Method to Help the Human Resources Staff to Find the Right Candidates, Based on Deep Learning
Authors	Vasilescu, C., Suciu, G., & Pasat, A
Reference	In The International Scientific Conference eLearning and Software for Education (Vol. 3, pp. 240-246). " Carol I" National Defence University.
Year	2019

Partner Name	BEIA
Title	Collaborative Object Recognition for Parking Management
Authors	Vasilescu, C., Beceanu, C., & Hussain, I.
Reference	The International Scientific Conference eLearning and Software for Education (Vol. 1, pp. 194-201). " Carol I" National Defence University.

Year	2019
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Partner Name	BEIA
Title	EEG Signal Processing: Applying Deep Learning Methods to Identify and Classify Epilepsy Episodes
Authors	Suciu, G., & Dițu, M. C
Reference	International Conference on Future Access Enablers of Ubiquitous and Intelligent Infrastructures (pp. 59-66). Springer, Cham March 2019
Year	2019

Partner Name	BEIA
Title	Evaluation of Speech and Non-speech Classification Techniques for Environmental Sounds Recognition
Authors	Elena OLTEANU, Inge GAVĂȚ, Svetlana SEGĂRCEANU
Reference	SISOM 2019 Conference on 16-17 May in Bucharest
Year	2019

Partner Name	BEIA
Title	Speech Technology Today
Authors	Inge GAVĂȚ, Svetlana SEGĂRCEANU
Reference	In SISOM 2019 Conference on 16-17 May in Bucharest.
Year	2019

Partner Name	BEIA
Title	Multifactor voice-based authentication system
Authors	Ceparu, M., Toma, S. A., Segarceanu, S., Suciu, G., & Gavati, I.
Reference	Conference in Telecommunications, Informatics, Energy and Management (TIEM) 2019, 12-14 September, Greece.
Year	2019

4.2 Publications – Under Review

Partner Name	BULL
Title	CPU overheating prediction in HPC systems
Authors	Platini, Marc et al.
Reference	CCPE - https://onlinelibrary.wiley.com/journal/15320634
Year	Upcoming

Partner Name	BULL
Title	LogFlow: Simplified Log Analysis for Large Scale Systems
Authors	Platini, Marc et al.
Reference	ICDCN - http://www.icdcn2021.net/cfp.html
Year	Upcoming

Partner Name	BEIA
Title	Peer to Peer WebRTC Multipoint Videoconference System
Authors	George Suci; Stefan Stefanescu; Cristian Beceanu; Marian Ceaparu
Reference	10th Conference on Speech Technology and Human-Computer Dialogue
Year	Upcoming

Partner Name	KoçSistem
Title	A Non-Personalized Recommender System by Learning Product and BasketRepresentation
Authors	Savas Yıldırım, Şebnem Güneş Söyler, Özgür Akarsu
Reference	Turk J Elec Eng & Comp Sci
Year	Upcoming

Partner Name	Lille University
Title	What is the relationship between face alignment and facial expression recognition?
Authors	Romain Belmonte, Benjamin Allaert, Pierre Tirilly, Ioan Marius Bilasco, Chaabane Djeraba, Nicu Sebe
Reference	arXiv:1905.10784v1
Year	Upcoming

Partner Name	Lille University
Title	Optical Flow Techniques for Facial Expression Analysis: Performance Evaluation and Improvements
Authors	Benjamin Allaert, Isaac Ronald Ward, Ioan Marius Bilasco, Chaabane Djeraba, Mohammed Bennamoun

Reference	arXiv:1904.11592
Year	Upcoming

5 Dissemination Activities - Events

This session gives a list of events attended by project partners

1. EUREKA INNOVATION DAYS 2018, 22-24 May 2018 in Helsinki Finland – **BEIA**
2. IMWorld 2018, 3-4 October 2018 in ROMEXPO exhibition center Romania – **BEIA**
3. ICVL 2018 – **BEIA**
4. TMLSS 2018 – **BEIA**
5. COMM 2018 – **BEIA**
6. ECAI 2018 – **BEIA**
7. CeBIT 2018 – **BEIA**
8. SGEM 2018 – **BEIA**
9. SCEWC 2018 – **BEIA**
10. eLSE Conference 2019 – **BEIA**
11. SISOM 2019 – **BEIA**
12. CSCS22 Conference – **BEIA**
13. GIoTS 2019 (17-21 June) – **BEIA**
14. Innovative Enterprise Week – **BEIA**
15. Marketing in Artificial Intelligence Era Conference 2019 – **BEIA**
16. SpeD Conference 2019
17. Hannover Messe 2020 – **BEIA**
18. GoTech World 2020 – **BEIA**
19. SISOM 2020 - **BEIA**

Upcoming:

1. The international conference CBMI 2020 – **LILLE UNI**.
CBMI postponed to June 2021. The conference will be held in Lille on June 28-30, 2021.
2. IPDPS20 - **BULL**

6 Conclusions

This document presents the main dissemination accomplishments reached in the PAPUD project. As some publications are waiting decision and the research continues, it is expected to extend further than the end of the project.

The major focus of dissemination is to ensure that the project's research and outcomes are widely disseminated to the appropriate target communities (industrial, state, or academic communities), at appropriate times (i.e. synchronized with the main industrial, political and scientific events), via appropriate methods (demonstrations, publications, social networking).

We give a complete view of activities undertaken.