



Fabrice Maurel

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Positions and education

Since 2005	Associate Professor (Maître de conférences), Department of Mathematics and Computer Science, Université de Caen Normandie — GREYC, CNRS UMR 6072
2022	Habilitation à Diriger des Recherches (HDR), Université de Caen Normandie
2022	Promotion to Maître de conférences hors classe (CNU section 27)
2001–2004	PhD in Computer Science , Université Toulouse Paul Sabatier — IRIT (Toulouse Institute for Research in Computer Science)
2000	DEA in Computer Science, Image and Language , Université Toulouse Paul Sabatier

At a glance

Publications	55 publications since 2001 — 1 book chapter, 7 journal articles, 30 international and 17 national peer-reviewed conference and workshop papers
Projects	15 funded research projects — coordinator of 6, work-package leader of 3
Supervision	10 doctoral students, 4 post-doctoral researchers, 9 research engineers, 9 master research interns
Examining	8 doctoral committees

Research interests

- **Morpho-dispositional semantics** — leveraging layout and typographical information to enhance natural language processing applications: text-to-speech systems, extractive summarization and simplification, document visualization, web page clustering.
- **Web accessibility** — multimodal access to web pages, preserving content integrity and cognitive efficiency under textual access constraints, whether mental, cognitive, physical or situational.
- **Enactive design of interactive systems** — haptic and concurrent speech interfaces encouraging the emergence of advanced non-visual reading strategies.

Application domains. Clinical health (mental, cognitive and neurological) and non-clinical health (mental and visual disability, sport, well-being).

Funded projects

- **2027–2031 Coordinator** of the STP-MEC project (an integrated approach to accessible text simplification, at the interface of natural language processing, linguistics and cognitive neuroscience, based on multimodal generative models and their experimental validation) - Funded by ANR (ANR-26-CE38-3075-02)
- **2026–2028 Coordinator** of the ECOFALC project (generative models for Easy-to-Read (FALC) simplification preserving discourse coherence and emotional intensity) - Funded by CNRS (80|PRIME programme, MITI)
- **2026–2029 Academic partner** of the EMERVA project (New varieties of plain language and embodied language awareness: perspectives for a socially inclusive AI) - comparing the simplified language produced by artificial intelligence with that produced by multilingual young people, across informative, administrative and literary texts, including poetry in plain language - Funded by CaesAR (ExcellenceS, France 2030)
- **2024–2027 Academic partner** of the **MENTAL.AI@Caesar project** (Artificial Intelligence for Mental and Brain Health) - Funded under France 2030 (AMI ExcellenceS) and by the Normandy Region

- **2024–2027 Academic partner** of the **HYBRIDS project** (Hybrid Intelligence to Monitor, Promote and Analyse Transformations in Good Democracy Practices) - detection of toxic social-media bots and of hyperpartisan political news - Funded by the European Union (MSCA Doctoral Networks)
- **2024–2028 Academic partner** of the **PARTAGES project** (Advanced Development of Digital Commons for Generative Artificial Intelligence in Health) - Funded under France 2030, led by the Health Data Hub
- **2024–2027 Work-package leader** of the **2E2MR project** (Text and Image Relation for Exploring and Expertising Climbing Elite Performers) - Funded by ANR
- **2023–2026 Work-package leader** of the **ABC project** (Text Image and Magnetic Reasonance Imaging Analysis to Understand Well-being at the Museum) - Funded by the Public Interest Group in charge of the city of "Caen Millénaire 2025 | Art et Science" initiative
- **2022–2025 Co-supervisor** of the FALC-Auto project (automatic generation of Easy-to-Read content) - CIFRE industrial partnership with the **Koena** association, funded by ANRT
- **2021–2025 Work-package leader** of the **INDYX project** (identification of relevant blocks within a web page, with the aim of integrating this technology to determine the relevance of evaluating and indexing dynamic content areas) - Funded by BPI France 2030 for Development of industrial and service companies in growth markets.
- **2018–2021 Coordinator** of the **TAG-THUNDER project**(Access to Web Documents by Spatialized Oral Feedback) - Funded by BPI France (PIA2)
- **2017 Coordinator** of the Tagthunder2 project(Study, Development, Implementation and Evaluation of Innovative Oral Concepts of Non-Visual Access to Texts) - Regional funding (**CPER NUMNIE**)
- **2016 Coordinator** of the Tagthunder1 project(Study, Development, Implementation and Evaluation of Innovative Oral Concepts of Non-Visual Access to Texts) - Regional funding (**CPER NUMNIE**)
- **2013–2016 Coordinator** of the **ART-ADN project** (Access to Digital Documents by Oral and Haptic Feedback) - Funded by ANR (12-SOIN-0003-2)
- **2015 Member** of the SEMCOMP project (Semantic Resources to Access Web Documents for E-Learning) - Regional funding (CPER)

Doctoral supervision

- **2027–0n-going Recruitment to come** — PhD in Computer Science at the University of Caen Normandie (France), within the STP-MEC project | 50% co-supervision with Patrice Bellot (Aix-Marseille Université). The thesis is funded by ANR (ANR-26-CE38-3075-02).
- **2026–0n-going Recruitment in progress** — PhD in Computer Science at the University of Caen Normandie (France) on Multimodal and Emotional FALC | 50% co-supervision with Iris Eshkol-Taravella (MoDyCo, Université Paris Nanterre). The thesis is funded by the 80|PRIME CNRS programme.
- **2025–0n-going Amine Yousef Khodja** — PhD in Computer Science at the University of Caen Normandie (France) on Anomaly Detection | 50% co-supervision with Jérémie Pantin. The thesis is funded by the RIN 100%.
- **2025–0n-going Sami Mechtouf** — PhD in Computer Science at the University of Caen Normandie (France) on Multimodal FALC Generation and Human-in-the-loop | 50% co-supervision with Laure Lejeune. The thesis is co-funded by the RIN 50% and the NORMANTHIA Project.
- **2024–0n-going Aurélien Bournonville** — PhD in Computer Science at the University of Caen Normandie (France) on Web Page Main Content extraction and Boilerplate Detection. The thesis is funded by **Babbar** tech.
- **2023–0n-going Nilesh Tete** — PhD in Computer Science at the University of Caen Normandie (France) on Multimodal Interactions and Enactive Language Interfaces | 50% co-supervision with Gaël Dias and Mohammed Hasanuzzman. The thesis is co-funded by the RIN 50% and the Munster Technological University (Eire).
- **2022–2026 François Ledoyen** — PhD in Computer Science at the University of Caen Normandie (France) on Transcription automatique de textes en Facile à Lire et à Comprendre | 50% co-supervision with Youssef Chahir. The thesis is funded by the ANRT (CIFRE) and Koena association.
- **2021–0n-going Alexandre Perier** — PhD in Computer Science at the University of Caen Normandie (France) on Hierarchical Language Models | 50% co-supervision with Youssef Chahir. The thesis is funded by the RIN 100%.
- **2016–2020 Judith Jeyafreeda Andrew** — PhD in Computer Science at the University of Caen Normandie (France) on Task Oriented Web Page Segmentation | 50% co-supervision with Stéphane Ferrari. The thesis was funded by The french Ministry of Superior Education and Research and the PIA project Tagthunder. **HTML**

- **2012–2016 Waseem Safi** — PhD Thesis in Computer Science at the University of Caen Normandie (France) on Non-visual Vibro-tactile Navigation of Web Pages on Touch Screen Devices | 70% co-supervision with Pierre Beust. This thesis was funded by the ANR project ART-ADN. [HTML](#)

Post-doctoral researchers

- **2025–On-going recruitment in progress** — Text and Image Relation for Exploring and Expertising Climbing Elite Performers. Funded by the 2E2MR ANR.
- **2017–2018 Waseem Safi** — Design of a Firefox Plugin for Querying the Tagthunder Platform. Funded by the NUMNIE CPER.
- **2016–2017 Elena Manishina** — Keyterm Extraction and Vocalisation from Segmented Web Pages. Funded by the NUMNIE CPER.
- **2016–2017 Waseem Safi** — Web Page Segmentation. Funded by the ANR project ART-ADN.

Research engineers

- **2026 Recruitment in progress** — Smart Home. Funded by the Normandy Region and the NORMANTHIIA project.
- **2025 Dhia Eddine Merzougui** — Tagthunder Platform Development. Funded by INDYX Project
- **2024 Azamat Kaibaldiyeu** — Eyetracking and Biometric capturing. Funded by ABC Project.
- **2022 François Ledoyen** — Intégration plateforme Tagthunder et logiciel headpilot (entreprise AccessMan). Funded by Tagthunder BPI Project.
- **2021 David Condaminet** — Tagthunder architecture deployment and finalization. Funded by Caen University and GREYC lab.
- **2020 Nihal Yagmur Aydin** — Improvement of the extraction and vocalization modules of the Tagthunder architecture. Funded by the BPI (PIA2).
- **2019 Alexandre Baudrillard** — Stabilization of the Tagthunder architecture and the query plugin. Funded by the BPI (PIA2).
- **2016 Bastien Chapusot** — Design of a modular architecture for generating Tagthunder from a URL. Funded by the NUMNIE CPER.
- **2013 Constantin Radu** — Design and electronic realization of the TactiNET. Funded by the ANR project ART-ADN.

Master research interns

- **2026 Erwann Coden** — Tapisserie de Bayeux for Blind People (Funded by Normastic).
- **2025 Thomas Pigeon** — Processing and Analysis of ABC Project Data.
- **2025 Thomas Berthelin** — Tapisserie de Bayeux for Blind People (Funded by Normastic).
- **2024 Aurélien Bournonville** — Tagthunder Platform Development.
- **2024 Edgar Madelaine** — Sound generation and Binaural spatialisation.
- **2021 François Ledoyen** — Contrast-based image-to-text generation.
- **2016 Bastien Chapusot** — Design of a Modular Architecture for Generating Tagthunder from a URL.
- **2016 Maxence Busson** — Keyterm Extraction and Vocalisation from Segmented Web Pages.
- **2015 Claire Giot** — Experimental Study for the Proof of Concept of Tagthunder

Doctoral committees

- **2026 François Ledoyen (Computer Science)** | Transcription automatique de textes en Facile à Lire et à Comprendre [as co-supervisor](#)
- **2024 Kirill Milintsevich (Computer Science)** | Estimation of Depression Level from Text: Symptom-Based Approach, External Knowledge, Dataset Validity
- **2023 Nhu Khoa Nguyen (Computer Science)** | Détection des tendances émergentes dans les articles de presse
- **2020 Laetitia Castellan (Psychology)** | Accessibility of digital textbooks for students with visual impairment
- **2020 Judith Jeyafreeda Andrew (Computer Science)** | Task Oriented Web Page Segmentation [as co-supervisor](#)
- **2016 Cyril Kudlinski (Psychology)** | The Mouse, the Stylus and the Child: A Developmental Approach to Child-Computer Interactions
- **2016 Laurent Sorin (Computer Science)** | Contributions of Textual Architectures to Non-visual Accessibility of Digital Records
- **2016 Waseem Safi (Computer Science)** | Non-visual Vibro-tactile Navigation of Web Pages on Touch Screen Devices [as co-supervisor](#)

Collective responsibilities

Since 2026	Vice-President of ATALA, the French Association for Natural Language Processing — scientific ambassador, and chair of the national PhD thesis award in NLP
Since 2024	Founder and head of DIAMANT at GREYC (Documents, InterActions, Multimodal machine learning, Accessibility, nlp n vision, Text analytics) — created as a cross-cutting working group of some twenty researchers, a fully-fledged GREYC research team since 1 September 2026
Since 2024	Co-head of the « Multimodality and Multisensoriality » working group of the CNRS Research Network on Human-Computer Interaction (GDR IHM)
Since 2024	Head of the Psychosensory Room and Connected Home experimental platforms at GREYC
Since 2023	Head of the national PhD thesis award in Natural Language Processing (ATALA)
Since 2022	Head of the Master in Computer Science , Université de Caen Normandie (160 students), with Gaël Dias
Since 2022	Lead of five actions of the NORMANTHIA and SATIN training projects (France 2030, Compétences et Métiers d'Avenir)
Since 2022	Member of the editorial board of the journal TAL (Traitement Automatique des Langues)
Since 2021	Elected member of the board of ATALA (second term)
Since 2021	GREYC representative of the CNRS Research Network on Natural Language Processing (GDR TAL)
Since 2021	Head of the GREYC aTALiers scientific seminar series
Since 2016	Elected member of the GREYC laboratory council and of the council of the Faculty of Science
2016–2026	Department of Mathematics and Computer Science , Université de Caen Normandie (1,500 students): co-director from September 2016 to 2022, then director from 2022 to August 2026
2015–2016	Director of the Department of Computer Science (400 students)

Scientific community

- **2026–On-going** Vice-President of the **French Association for Natural Language Processing (ATALA)**.
- **2024–On-going** Founder and head of **DIAMANT** (Documents, InterActions, Multimodal machine learning, Accessibility, nlp n vision, Text analytics) - created as a cross-cutting working group of the GREYC laboratory bringing together some twenty researchers, and a fully-fledged GREYC research team since 1 September 2026.
- **2024–On-going** Co-head of the **Multimodality and Multisensoriality** Working Group within the CNRS Human-Computer Interaction Research Network (GDR IHM).
- **2022–On-going** Member of the editorial board of the **journal TAL** (Traitement Automatique des Langues).
- **2022–On-going** Co-head of the "Multimodal Information Processing" working group of the IMAGE team at the GREYC laboratory.
- **2021–On-going** Elected member of the board of the French Association of Automatic Language Processing (**ATALA**) as scientific ambassador (collaborations with other learned societies and CNRS research groups, PhD Thesis Award, monitoring of the LANGU:IA project, Young Talents Day).
- **2019–On-going** GREYC Representative of the National **Research Group on Natural Language Processing** (GDR TAL)
- **2018–On-going** Involvement in three Human Computer Interaction Working Groups (participation in national meetings, presentation of work and structuring of actions) | **Sound Interfaces** ; **Human Document Interaction** ; **HCI and Health**
- **2018–2020** Participation in the construction meetings of the pre-GDR TAL (GDR since 2020). Interventions mainly around the **Multimodality axis**
- **2017–2023** Groupe NU (New Uses): multidisciplinary reflection (computer science - GREYC, LITIS; linguistics - LiDiFra; cognitive sciences - PALM) and organisation of seminars on the instrumentation of interpretative activity.

Organisation of events

- **2023–On-going** Organization of the **National PhD Thesis Award in NLP** for ATALA (call for submissions, selection jury, award ceremony).

- **2020–On-going** In charge of the "aTALiers" in order to improve the visibility of the research activity around Automatic Language Processing produced in the GREYC laboratory (organization of annual local and national seminars).
- **2015** TALN, the 22nd French Conference on Natural Language Processing - In charge of sponsorship
- **2015** organization of the ITI (Interface Tal Ihm) workshop during TALN, the 22nd French Conference on Natural Language Processing

Experimental platforms

- **2025–On-going** Structuring and development of the Smart Home project for the GREYC laboratory | Created as part of the NORMANTHIA project, the design and setup of the 50m² room draw on expertise in computer science, electronics, and robotics to support the development of innovative teaching and internship projects. The space will include features such as oxygen sensors, floor lighting, a control room with a monitoring system, home automation equipment, a portable MRI, a contact mat for fall detection, screens, speakers, projectors, a dedicated storage area, etc.
- **2024–On-going** Structuring and development of the psychosensory room project for the GREYC laboratory

Software and hardware developments

- **2025–On-going** TagThunder 2 - experimental platform designed to evaluate "TagThunder" concept, a novel approach enabling visually impaired users to implement non-visual skimming and scanning strategies for more efficient web navigation | 2025 | Merzougui D. E., Tete N., Maurel F., Dias G. Concurrent Speech and Auditory Tag Clouds for Non-Visual Web Interaction. Interspeech 2025.
- **2016–2024** TagThunder - Access to Digital Documents by Sound Feedback | 2019 | Maurel F., Dias G, Ferrari S., Giguët E., Jeyafreeda. Andrew J. Concurrent Speech Synthesis to Improve Document First Glance for the Blind. In the 2nd International Workshop on Human-Document Interaction (HDI 2019) associated to the 15th International Conference on Document Analysis and Recognition (ICDAR 2019), Sydney, Australia, 2019.
- **2013–2021** TactiNet - Access to Digital Documents by Haptic Feedback 2020 | Maurel, F.; Dias, G.; Safi, W.; Routoure, J.-M.; Beust, P. Layout Transposition for Non-Visual Navigation of Web Pages by Tactile Feedback on Mobile Devices. Micromachines 2020, 11, 376.

Selected talks

- **2020** Touch the web to hear it better... listen to it to touch it better. | 2nd day of the Working Group "intermodality, multimodality" of the National NLP Research Group | Marseille (France)
- **2019** Touch the web to hear it better... listen to it to touch it better. | Rencontres Universitaires Numériques Normandes (RUNN 2019) "Accessibility and inclusion: digital technology at the service of all! | Caen (France)
- **2016** Guest speaker | 8th Caen General Assembly on Disability | Caen (France)
- **2016** TactiNET and Tagthunder Demo | Science Fair | Caen (France)
- **2016** Short technical, cultural and scientific interventions on disability; trained groups who have the day to design projects, prototypes, or concepts of uses and services to people | Disability and New Technologies Day 2 - TV set - Journalist interview - Creative co-design workshops | Caen Living lab - Le Dôme (France)
- **2015** Short technical, cultural and scientific interventions on disability; trained groups who have the day to design projects, prototypes, or concepts of uses and services to people | Disability and New Technologies Day 1 - TV set - Journalist interview - Creative co-design workshops | Caen Living lab - Le Dôme (France)

Teaching

- Responsible for modules in **Natural Language Processing**, **Human-Computer Interaction**, **Software Engineering**, **Object-Oriented Programming** and **Internet Engineering**, from first-year Bachelor to second-year Master.
- Designed and headed, with Gaël Dias, the **current Master in Computer Science curriculum** (160 students), built around an « à la carte » system that lets students compose their own track. In place since 2022–2023.
- Laureate of the **Compétences et Métiers d'Avenir** calls in Digital Health (€3.2M) and Artificial Intelligence (€4M), under France 2030.
- Deployment of the resulting programmes: Master tracks *Algorithmics and Intelligent Systems (ASI)*, *Artificial Intelligence*, *Data Science and Health*, and *Artificial Intelligence and Human Factors*; a work-study Professional Bachelor *Methods and Tools for Artificial Intelligence*; an Artificial Intelligence track in the Bachelor in Computer Science; and a University Diploma in AI, Data and Health.

Publications

International Journals

- 2022 **Q1** Srivatsa Ramesh Jayashree, Gaël Dias, Judith Jeyafreeda Andrew, Sriparna Saha, Fabrice Maurel, and Stéphane Ferrari. Multimodal Web Page Segmentation Using Self-organized Multi-objective Clustering. *ACM Trans. Inf. Syst.* 40, 3, Article 59 (July 2022), 49 pages. doi:10.1145/3480966 [HTML](#)
- 2020 **Q2** Maurel F, Dias G, Safi W, Routoure JM, Beust P. Layout Transposition for Non-Visual Navigation of Web Pages by Tactile Feedback on Mobile Devices. *Micromachines (Basel)*. 2020 Apr 3;11(4):376. doi: 10.3390/mi11040376. PMID: 32260056; PMCID: PMC7230703. [PDF](#)
- 2012 F. Maurel, G. Dias, J.-M. Routoure, M. Vautier, P. Beust, M. Molina, C. Sann. Haptic Perception of Document Structure for Visually Impaired People on Handled Devices. *Procedia Computer Science*, 14 :319–329, 2012. [PDF](#)

National Journals

- 2023 Fabrice Maurel, TactiNET et Tag thunder : aides pour l'interprétation éactive et non visuelle de la mise en page sur dispositifs tactiles. Dans : L'intelligence dans l'environnement numérique : quelles places pour les utilisateurs ?. *Texte ! Textes et Cultures*, XXVIII-XXVIII (4, 1), Groupe Nouveaux Usages (NU) Eds, pp.47-57, 2023. [PDF](#) [HTML](#)
- 2012 Fabrice Maurel et Groupe nu*. Pour une recherche d'information et une veille juridique interactives et socio centrées, ENT éactif et veille en droit du transport, *Revue Ingénierie des systèmes d'information (RSTI série ISI)*, vol. 17, n° 2/2012 Hermès Publications & Lavoisier, pp 17-40. [HTML](#)
- 2006 Fabrice Maurel, Mustapha Mojahid, Nadine Vigouroux, Jacques Virbel. Documents numériques et transmodalité. Transposition automatique à l'oral des structures visuelles de texte. Dans / In: Document numérique, Hermès, Vol. 9, N. 1, p. 25-42, 2006. [PDF](#)
- 2004 Fabrice Maurel, Julie Lemarié, Nadine Vigouroux, Jacques Virbel, Mustapha Mojahid, Jean-Luc Nespoulous. De l'adaptation de la présentation oralisée des textes aux difficultés perceptives et mnésiques du langage. Dans / In: *Revue Parole*, Vol. 2004-29-30, p. 153-187, 2005. [HTML](#)

Book Chapters

- 2011 Groupe nu, 2011. L'interaction homme machine : la trace en perspective, Dans : L'homme trace, éditions du CNRS, pp 87-103, 2011. ISBN 2-2710-7139-9. [HTML](#)

International Conferences/Workshops

- 2026 **A*** Khodja A. Y., Pantin J., Dias G., Maurel F., Anomaly Detection using Source-Reversed Flow Matching (EMNLP 2026).
- 2026 **A*** Lemaire R., Kaibaldiyev A., Mariette E., Viglieri D., Pantin, J., Lechervy A., Maurel F., Dias G., Blaizot G., Agin V., Poirel N., Bui E., Platel H., Vivien D., Chahir Y. MONET: Museum Observatory of Neuro-affective Eye-Tracking (ACMMM 2026).
- 2026 **B** Lemaire R., Lechervy A., Kaibaldiyev A., Dias G., Maurel F., Chahir Y. Visually Informed Text Representations for Visual Contextual Classification of Arts (ICPR 2026).
- 2026 **A** Joshua Maggini M., Merzougui D. E., Bandyopadhyay R., Dias G., Maurel F., Gamallo-Otero P. Are LLMs Enough for Hyperpartisan, Fake, Polarized and Harmful Content Detection? Evaluating In-Context Learning vs. Fine-Tuning (ICWSM 2026).
- 2026 **C** Roméo K., Maurel F., Lecomte C., Djoussouf J. 2F4T Audio Tactile Exploration of an artwork (ICCHP 2026).
- 2025 **A*** Ledoyen F., Dias G., Pantin J., Maurel F., Lechervy A., Chahir Y. Facilitating Cognitive Accessibility with LLMs: A Multi-Task Approach to Easy-to-Read Text Generation. In The 2025 Conference on Empirical Methods in Natural Language Processing (EMNLP 2025). [PDF](#)
- 2025 **A*** Bournonville A., Maurel F., Rioult F., Dias G., Pitel G., Largillier T., Marchand E. Multilingual Evaluation of Main Content Extractors for Web Pages. In the 48th International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR 2025). [PDF](#)
- 2025 **A*** Lemaire R., Kaibaldiyev A., Mariette E., Viglieri D., Lechervy A., Maurel F., Dias G., Pantin, J. Blaizot G., Agin V., Poirel N., Bui E., Platel H., Vivien D., Chahir Y. WYSIWYG: When Human Gaze Meets Machine Vision in Art (ACMMM 2025).
- 2025 **A** Merzougui D.E., Tete, N., Maurel F., Dias, G., Hasanuzzaman M. Bournonville A., Madelaine E., Berthelin T. Ledoyen F., Lejeune, L., Rioult F., Pantin J. Concurrent Speech and Auditory Tag Clouds for Non-Visual Web Interaction. In Interspeech 2025. [PDF](#)
- 2025 **A** Ledoyen F., Dias G., Maurel F., Chahir Y. Inclusive Easy-to-Read Text Generation for Individuals with Cognitive Impairment. In the 34th International Joint Conference on Artificial Intelligence (ECAI 2025). [PDF](#)
- 2025 **B** Merzougui D.E., Dias G., Pantin J., Maurel F. Evaluating Large Language Models for Depression Symptom Estimation. In Artificial Intelligence in Medicine 2025 (AIME 2025). [PDF](#)
- 2025 **B** Kaibaldiyev A., Pantin J., Lechervy A., Maurel F., Chahir, Y., Dias G. UNETRSal: Saliency Prediction with Hybrid Transformer-Based Architecture. In Advanced Concepts for Intelligent Vision Systems (ACIVS 2025). [PDF](#)
- 2019 **A** Maurel F., Safi W., Routoure J.-M., Beust P., Molina M., Sann C. Blind Navigation of Web Pages through Vibro-tactile Feedbacks. In the 25rd ACM Symposium on Virtual Reality Software and Technology (VRST 2019), Sydney, Australia, 2019. [HTML](#)

- 2019 **WS@A** Maurel F., Dias G., Ferrari S., Giguët E., Jeyafreeda. Andrew J. Concurrent Speech Synthesis to Improve Document First Glance for the Blind. In the 2nd International Workshop on Human-Document Interaction (HDI 2019) associated to the 15th International Conference on Document Analysis and Recognition (ICDAR 2019), Sydney, Australia, 2019. [PDF](#)
- 2019 **B** Andrew Judith Jeyafreeda, Stephane Ferrari. Fabrice Maurel, Gaël Dias, Emmanuel Giguët, Web Page Segmentation For Non Visual Skimming, Dans The 33rd Pacific Asia Conference on Language, Information and Computation (PACLIC33), Hakodate, Japan, June 5-8, 2019. [PDF](#)
- 2019 **B** Andrew Judith Jeyafreeda, Stephane Ferrari. Fabrice Maurel, Gaël Dias, Emmanuel Giguët, Model-driven Web Page Segmentation for Non Visual Access, Dans 16th International Conference of the Pacific Association for Computational Linguistics (PACLING 2019), October 11-13, Hanoi, Vietnam, 2019. [PDF](#)
- 2018 **B** Andrew Judith Jeyafreeda, Fabrice Maurel, Stephane Ferrari. Tag Thunder: Towards new oral reading strategies for visually impaired people, Web Engineering - 18th International Conference, ICWE 2018, Cáceres, Spain, June 5-8, 2018. [HTML](#)
- 2017 **A** Safi W., Maurel F., Routoure J.-M., Beust P., Molina M., Sann C., Guilbert J. 2017. Which ranges of intensities are more perceptible for non-visual vibro-tactile navigation on touch-screen devices? Proceedings of the 23rd ACM Symposium on Virtual Reality Software and Technology (VRST 2017), Gothenburg, Sweden, November 8-10, 2017 81:1-81:2. [HTML](#)
- 2017 **WS@A** Safi, W., Maurel, F., Routoure, J.-M., Beust, P., Molina, M., and Sann, C. (2017). "Towards a Platform for Non-Visual Access of Web Pages on Touch Screen Devices". Workshop "Beyond Computers: Wearables, Humans, And Things - WHAT". Adjunct proceedings of the 16th IFIP TC.13 International Conference on Human-Computer Interaction (INTERACT 2017 Rank Core-A), PP. 154-164, ISBN: 978-81-931260-9-7. September 26, 2017, Mumbai, India. [PDF](#)
- 2016 **WS@B** Safi, W., Maurel, F., Routoure, J.-M., Beust, P., Molina, M., Sann, C. 2016. An Empirical Study for Examining the Performance of Visually Impaired People in Discriminating Ranges of Frequencies through Vibro-tactile Feedbacks. Workshop on the Future of Books and Reading in HCI at the NordiCHI 2016 conference. [HTML](#)
- 2016 **WS@A** Lecarpentier, J.-M., Manishina, E., Maurel, F., Ferrari, S., Busson, M. 2016. Tag Thunder: Web Page Skimming in Non-Visual Environment Using Concurrent Speech Proceedings of the 7th Workshop on Speech and Language Processing for Assistive Technologies (SLPAT), INTERSPEECH 2016, San Francisco, CA, USA. [PDF](#)
- 2016 **A** Lecarpentier, J.-M., Manishina, E., Maurel, F., Ferrari, S., Busson, M. 2016. Tag Thunder: Towards Non-Visual Web Page Skimming. In Proceedings of the 18th Annual SIGACCESS Conference on Computers and Accessibility (ASSETS'16). Reno, Nevada, USA. New York: ACM Press. [HTML](#)
- 2016 **A** Safi, W., Maurel, F., Routoure, J.-M., Beust, P., & Dias, G. (2015). "An Empirical Study for Examining the Performance of Visually Impaired People in Recognizing Shapes through a Vibro-tactile Feedback". ASSETS2015, the 17th International ACM SIGACCESS Conference on Computers and Accessibility, October 26-28, 2015, Lisbon, Portugal. [HTML](#)
- 2015 Safi, W., Maurel, F., Routoure, J.-M., Beust, P., & Dias, G. (2015). Web-Adapted Supervised Segmentation to Improve a New Tactile Vision Sensory Substitution (TVSS) Technology. 6th International Conference on Ambient Systems, Networks and Technologies (ANT 2015). London, UK, June 2-5. [HTML](#)
- 2014 Safi, W., Maurel, F., Routoure, J.-M., Beust, P., & Dias, G. (2014). Supervised Segmentation of Web Pages for Vibro-Tactile Access on Touch-Screen Devices". 1st International Symposium on Web Algorithms (ISWAG 2015). Deauville, France, June 2-3. 2014. [PDF](#)
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