**Staff Curriculum Vitae**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | *Trần Hải Anh* | | | | | | |
| Position | *Phó Trưởng khoa, Khoa Kỹ thuật Máy tính* | | | | | | |
| Academic career | *Thạc sỹ , Khoa học Máy tính*  *Kỹ sư , Khoa học Máy tính* | | | *Đại học Paris-Sud Orsay*  *trường Đại học Bách khoa Hà Nội* | | | *2011*  *2008* |
| Employment | *Position* | | | *Employer* | | | *Period* |
| Research and development projects over the last 5 years | *Name of project or research focus*  *Period and any other information*  *Partners, if applicable*  *Amount of financing* | | | | | | |
| Industry collaborations over the last 5 years | *Project title*  *Partners* | | | | | | |
| Patents and proprietary rights | *Title* | |  | | | *Year* | |
| Important publications over the last 5 years | *Selected recent publications from a total of approx. : 77*  *Author(s) : Duc Tran and Hieu Mac and Van Tong and Hai Anh Tran and Linh Giang Nguyen*  *Title : A LSTM based framework for handling multiclass imbalance in DGA botnet detection*  *Any other information : https://www.sciencedirect.com/science/article/pii/S0925231217317320*  *Publisher : Elsevier*  *Year of publication : 2018*  *Journal Neurocomputing, volume 275, page 2401-2413*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Van Tong and Hai Anh Tran and Sami Souihi and Abdelhamid Mellouk*  *Title : A novel QUIC traffic classifier based on convolutional neural networks*  *Any other information : https://ieeexplore.ieee.org/abstract/document/8647128/*  *Publisher : IEEE*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Hieu Mac and Dung Truong and Lam Nguyen and Hoa Nguyen and Hai Anh Tran and Duc Tran*  *Title : Detecting attacks on web applications using autoencoder*  *Any other information : https://dl.acm.org/doi/abs/10.1145/3287921.3287946*  *Publisher :*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Ngoc Thao Pham and Muneko Nishijo and The Tai Pham and Ngoc Nghi Tran and Hai Anh Tran and Huy Anh Vu Phan and Yoshikazu Nishino and Hisao Nishijo*  *Title : Perinatal dioxin exposure and neurodevelopment of 2-year-old Vietnamese children in the most contaminated area from Agent Orange in Vietnam*  *Any other information : https://www.sciencedirect.com/science/article/pii/S004896971931976X*  *Publisher : Elsevier*  *Year of publication : 2019*  *Journal Science of the Total Environment, volume 678, page 217-226*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Ha Anh Minh Tran and Ha Quang Thinh Ngo and Thanh Phuong Nguyen and Hung Nguyen*  *Title : Implementation of vision-based autonomous mobile platform to control by a algorithm*  *Any other information : https://ieeexplore.ieee.org/abstract/document/8325802/*  *Publisher : IEEE*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Ha Anh Minh Tran and Ha Quang Thinh Ngo and Thanh Phuong Nguyen and Hung Nguyen*  *Title : Design of green agriculture system using internet of things and image processing techniques*  *Any other information : https://ieeexplore.ieee.org/abstract/document/8595663/*  *Publisher : IEEE*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Hai-Anh Tran and Sami Souihi and Duc Tran and Abdelhamid Mellouk*  *Title : Mabrese: A new server selection method for smart SDN-based CDN architecture*  *Any other information : https://ieeexplore.ieee.org/abstract/document/8675410/*  *Publisher : IEEE*  *Year of publication : 2019*  *Journal IEEE Communications Letters, volume 23, page 1012-1015*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Ngoc Thao Pham and Muneko Nishijo and Thi Thuy Giang Nghiem and The Tai Pham and Ngoc Nghi Tran and Thi Hoa Vu and Hai Anh Tran and Huy Anh Vu Phan and Quyet Do and Tomoya Takiguchi and Yoshikazu Nishino and Hisao Nishijo*  *Title : Effects of perinatal dioxin exposure on neonatal electroencephalography (EEG) activity of the quiet sleep stage in the most contaminated area from Agent Orange in Vietnam*  *Any other information : https://www.sciencedirect.com/science/article/pii/S1438463920306076*  *Publisher : Urban & Fischer*  *Year of publication : 2021*  *Journal International Journal of Hygiene and Environmental Health, volume 232, page 113661*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Dung Truong and Duc Tran and Lam Nguyen and Hieu Mac and Hai Anh Tran and Tung Bui*  *Title : Detecting web attacks using stacked denoising autoencoder and ensemble learning methods*  *Any other information : https://dl.acm.org/doi/abs/10.1145/3368926.3369715*  *Publisher :*  *Year of publication : 2019*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Tanh NGUYEN and NGO Tri and Tuyen NGUYEN and TRAN Duc and Hai Anh TRAN and BUI Tung*  *Title : The flooding attack in low power and lossy networks: a case study*  *Any other information : https://ieeexplore.ieee.org/abstract/document/8585451/*  *Publisher : IEEE*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 77*  *Author(s) : TONG Van and Hai Anh Tran and Sami Souihi and Abdelhamid MELLOUK*  *Title : Network troubleshooting: survey, taxonomy and challenges*  *Any other information : https://ieeexplore.ieee.org/abstract/document/8585610/*  *Publisher : IEEE*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Lamine Amour and Van Tong and Sami Souihi and Hai Anh Tran and Abdelhamid Mellouk*  *Title : Quality estimation framework for encrypted traffic (q2et)*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9014234/*  *Publisher : IEEE*  *Year of publication : 2019*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Hai Anh Tran and Duc Tran and Linh Giang Nguyen and Quoc Trung Ha and Van Tong and Abdelhamid Mellouk*  *Title : SHIOT: A novel SDN-based framework for the heterogeneous Internet of Things*  *Any other information : https://www.informatica.si/index.php/informatica/article/view/2245*  *Publisher :*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 77*  *Author(s) : TONG Van and Sami Souihi and Hai Anh Tran and Abdelhamid Mellouk*  *Title : Service-centric segment routing mechanism using reinforcement learning for encrypted traffic*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9269070/*  *Publisher : IEEE*  *Year of publication : 2020*  *Selected recent publications from a total of approx. : 77*  *Author(s) : TONG Van and Hai Anh Tran and Sami Souihi and Abdelhamid Mellouk*  *Title : Empirical study for dynamic adaptive video streaming service based on Google transport QUIC protocol*  *Any other information : https://ieeexplore.ieee.org/abstract/document/8638062/*  *Publisher : IEEE*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Ha Anh Minh Tran and Ha Quang Thinh Ngo and Thanh Phuong Nguyen and Hung Nguyen*  *Title : Develop of AGV platform to support the arrangement of cargo in storehouse*  *Any other information : https://ieeexplore.ieee.org/abstract/document/8748948/*  *Publisher : IEEE*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Duc-Huy Le and Hai-Anh Tran and Sami Souihi and Abdelhamid Mellouk*  *Title : An AI-based Traffic Matrix Prediction Solution for Software-Defined Network*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9500331/*  *Publisher : IEEE*  *Year of publication : 2021*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Sonxay Luangoudom and Duc Tran and Tuyen Nguyen and Hai Anh Tran and Giang Nguyen and Quoc Trung Ha*  *Title : svBLOCK: Mitigating black hole attack in low-power and lossy networks*  *Any other information : https://www.inderscienceonline.com/doi/abs/10.1504/IJSNET.2020.104923*  *Publisher : Inderscience Publishers (IEL)*  *Year of publication : 2020*  *Journal International Journal of Sensor Networks, volume 32, page 77-86*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Hai Nam Nguyen and Hai Anh Tran and Scott Fowler and Sami Souihi*  *Title : A survey of Blockchain technologies applied to software‐defined networking: Research challenges and solutions*  *Any other information : https://ietresearch.onlinelibrary.wiley.com/doi/abs/10.1049/wss2.12031*  *Publisher :*  *Year of publication : 2021*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Hai Anh Tran and Thi Ngoc Bich Vu and Son Tung Trinh and Dieu Linh Tran and Ha My Pham and Thi Hong Hanh Ngo and Minh Thao Nguyen and Nhu Duong Tran and Duy Thai Pham and Duc Anh Dang and Keigo Shibayama and Masato Suzuki and Lay-Myint Yoshida and Hong Son Trinh and Viet Thanh Le and Phuong Thom Vu and Thi Vu Nga Luu and Anne-Laure Bañuls and Khanh Linh Trinh and Van Anh Tran and Huy Hoang Tran and H Rogier van Doorn*  *Title : Resistance mechanisms and genetic relatedness among carbapenem-resistant Pseudomonas aeruginosa isolates from three major hospitals in Hanoi, Vietnam (2011–15)*  *Any other information : https://academic.oup.com/jacamr/article-abstract/3/3/dlab103/6328747*  *Publisher : Oxford University Press*  *Year of publication : 2021*  *Journal JAC-antimicrobial resistance, volume 3, page dlab103*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Tran-Tuan Chu and Van Tong and Hai Anh Tran and Sami Souihi and Duc Quang Tran and Abdelhamid Mellouk*  *Title : NextLab: A new hybrid testbed and development platform for Software-defined Networking*  *Any other information : https://dl.acm.org/doi/abs/10.1145/3368926.3369696*  *Publisher :*  *Year of publication : 2019*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Ha Anh Minh Tran and Ha Quang Thinh Ngo and Thanh Phuong Nguyen and Hung Nguyen*  *Title : Research on aerial vehicle for robust navigation system under natural disaster*  *Any other information : https://ieeexplore.ieee.org/abstract/document/8595612/*  *Publisher : IEEE*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Dong-Son Nguyen and Van Tong and Duc Tran and Hai-Anh Tran and Abdelhamid Mellouk*  *Title : Mining frequent patterns for scalable and accurate malware detection system in Android*  *Any other information : https://ieeexplore.ieee.org/abstract/document/8580930/*  *Publisher : IEEE*  *Year of publication : 2018*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Ha Tran and HUYEN DANG and Hoa Quoc Nguyen and Tinh Thi Hong Nguyen*  *Title : Pilot Study of Brackish Water Treatment using Dual Stage Nanofi ltration for Domestic Use in Thu Bon Basin, Vietnam*  *Any other information : http://www.msrjournal.com/&url=http:/www.msrjournal.com/article\_27197.html*  *Publisher : FIMTEC & MPRL*  *Year of publication : 2018*  *Journal Journal of Membrane Science and Research, volume 4, page 69-73*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Duc-Huy Le and Hai-Anh Tran*  *Title : A novel Machine Learning-based Network Intrusion Detection System for Software-Defined Network*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9335863/*  *Publisher : IEEE*  *Year of publication : 2020*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Phuong Thi Lan Nguyen and Hung Thi Mai Tran and Hai Anh Tran and Thai Duy Pham and Tan Minh Luong and Thanh Ha Nguyen and Lien Thi Phuong Nguyen and Tho Thi Thi Nguyen and Ha Thi An Hoang and Chi Nguyen and Duong Nhu Tran and Anh Duc Dang and Masato Suzuki and Thanh Viet Le and Anne-Laure Bañuls and Marc Choisy and Rogier H Van Doorn and Huy Hoang Tran*  *Title : Carriage of Plasmid-Mediated Colistin Resistance-1-Positive Escherichia coli in Humans, Animals, and Environment on Farms in Vietnam*  *Any other information : https://pubmed.ncbi.nlm.nih.gov/35895375/*  *Publisher :*  *Year of publication : 2022*  *Journal The American journal of tropical medicine and hygiene, volume 107, page 65-71*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Nam-Thang Hoang and Hai-Nam Nguyen and Hai-Anh Tran and Sami Souihi*  *Title : A Novel Adaptive East–West Interface for a Heterogeneous and Distributed SDN Network*  *Any other information : https://www.mdpi.com/1553012*  *Publisher : MDPI*  *Year of publication : 2022*  *Journal Electronics, volume 11, page 975*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Hai-Anh Tran and Duc Tran and Abdelhamid Mellouk*  *Title : State-Dependent Multi-Constraint Topology Configuration for Software-Defined Service Overlay Networks*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9739127/*  *Publisher : IEEE*  *Year of publication : 2022*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Quang Minh Diep and Zilong Qiu and Thi Phuong Le and Long Duy Do and Hai Anh Tran and The-Hung Bui and Thanh Van Ta and Thinh Huy Tran*  *Title : Whole exome sequencing analysis in a couple with three children who died prematurely due to carnitine-acylcarnitine translocase deficiency*  *Any other information : https://www.sciencedirect.com/science/article/pii/S1028455921003314*  *Publisher : Elsevier*  *Year of publication : 2022*  *Journal Taiwanese Journal of Obstetrics and Gynecology, volume 61, page 153-156*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Van Tong and Sami Souihi and Hai Anh Tran and Abdelhamid Mellouk*  *Title : Machine Learning based Root Cause Analysis for SDN Network*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9685185/*  *Publisher : IEEE*  *Year of publication : 2021*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Van Tong and Sami Souihi and Hai Anh Tran and Abdelhamid Mellouk*  *Title : SDN-Based Application-Aware Segment Routing for Large-Scale Network*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9627123/*  *Publisher : IEEE*  *Year of publication : 2021*  *Selected recent publications from a total of approx. : 77*  *Author(s) : AQ Nguyen and HA Tran and TH Tran and NP Dao*  *Title : Implementation of a WiFi-based V2V-V2I Communication Unit for Low Speed Vehicles*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9598224/*  *Publisher : IEEE*  *Year of publication : 2021*  *Selected recent publications from a total of approx. : 77*  *Author(s) : Duc-Huy Le and Hai-Anh Tran and Sami Souihi*  *Title : A Reinforcement Learning-based solution for Intra-domain Egress Selection*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9481846/*  *Publisher : IEEE*  *Year of publication : 2021*  *Selected recent publications from a total of approx. : 77*  *Author(s) : H Tran and A Nguyen Ngoc Lan and V Tran Van and T Tran Hiep Duc and T Nguyen Minh*  *Title : SUN-038 RECOVERY OF KIDNEY FUNCTION IN GLOMERULONEPHRITIS WITH RAPIDLY PROGRESSIVE RENAL FAILURE AT CHO RAY HOSPITAL*  *Any other information : https://www.kireports.org/article/S2468-0249(19)30628-X/abstract*  *Publisher : Elsevier*  *Year of publication : 2019*  *Journal Kidney International Reports, volume 4, page S169*  *Selected recent publications from a total of approx. : 77*  *Author(s) : R Rasalam and S Bandaranaike and K Anushka*  *Title : Bridging the gap in health professionals from novice to advanced practitioner: a practical framework*  *Any other information : https://researchonline.jcu.edu.au/58096/*  *Publisher : Asia Pacific Medical Education Conference*  *Year of publication : 2019* | | | | | | |
| Activities in specialist bodies over the last 5 years | *Organisation* | *Role* | | | *Period* | | |
| *Membership without a specific role need not be mentioned* | | | | | | |