Curriculum Vitae

1. ETAT CIVIL

Feng Peng épouse Chu

Adresse professionnelle :

Laboratoire IBISC,

Université d'Evry Val d'Essonne (UEVE),

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2. SITUATION ACTUELLE

PR EX à l'Université d'Evry Val d'Essonne et à l'Université Paris-Sacly affectée à l'IUT Evry pour la formation DUT et Licence Pro. au sein du département QLIO – Recherche effectuée au sein de l'équipe AROBAS du Laboratoire IBISC.

Chargée mission Chine dans l'équipe présidentielle UEVE

Responsable de l'équipe d'AROBAS

Co-esponsable du parcour du Master 2 : Organisation et pilotage des systèmes logistiques (OPSL) de l'Université Paris Saclay

3. PARCOURS PROFESSIONNEL

Sept. 2021– aujourd'hui :	Professeur de classe exceptionnelle (échelon 2) à l'Université d'Evry Val d'Essonne,
Sept. 2017– août 2021 :	Professeur de classe exceptionnelle (échelon 1) à l'Université d'Evry Val d'Essonne,
Sept. 2012– août 2017 :	Professeur de 1e classe à l'Université d'Evry Val d'Essonne,
Sept. 2009– août 2012 :	Professeur de 2e classe à l'Université d'Evry Val d'Essonne,
Sept. 2000 – août 2009 :	Maître de conférences à l'Université de Technologie de Troyes,
Janv. 1999 – août 2000 :	Enseignant-chercheur contractuel à l'Université de Technologie de Troyes (UTT).
Janv. 1992 – avril 1995 :	Doctorante au sein de l'équipe SAGEP à l'institut Nationale de Recherche en informatique et en Automatique (INRIA).
Sept. 1986 – déc. 1988 :	Enseignante à l'Université de Technologie de Jiangsu en Chine.

4. FORMATION

–2006 **Habilitation à Diriger des Recherches** intitulée « *Etude de problèmes aux niveaux stratégique, tactique et opérationnel de la chaîne logistique* » à l'**Université de Technologie de Compiègne** (UTC) - soutenue le 1er décembre 2006.

–1995 **Doctorat** en Automatique, Informatique et Gestion de Production intitulée « *Conception des systèmes de production à l'aide des réseaux de Petri : vérification incrémentale des propriétés qualitatives* » à l'**Université de Metz.** Mention : Très Honorable avec les Félicitations du Jury

–1991 **Diplôme d'Etudes Approfondies**, en Métrologie, Automatique et Electrotechnique à l'**ENSEM**, **INPL**.

–1986 **Diplôme d'Ingénieur** en Génie Electrique **- Université de Technologie de Hefei**, Chine.

5. THEMES DE RECHERCHE

- Recherche opérationelle,
- Optimisation multicritère et stochastique
- Systèmes du transport intelligent
- Localisation de sites de production, d'entrepôts et de distribution
- Logistique de transport et de distribution
- Coordination de la chaîne logistique
- Planification et ordonnancement de la production

6. DISTINCTIONS

- **Bénéficiaire de la PEDR** (prime d'encadrement doctoral et de recherche), 2019-2023.
- **Bénéficiaire de la PEDR** (prime d'encadrement doctoral et de recherche), 2014-2018.
- **Bénéficiaire de la PES** (prime d'excellence scientifique), 2010-2014.
- **Bénéficiaire de la PEDR** (prime d'encadrement doctoral et de recherche), 2005-2009.
- **Prix** 2019 du service de l' IFAC France au Comité National d'organisation de l'IFAC World Congress dont je suis co-chair de registration.

- **Min Jian Scholar** in Fujian province, Chine, 2018-2010.
- **Thousand Talents Program** in Sichuan province, Chine, 2016-2018.
- **Chair professor of Huangshan Scholars** at Hefei University of Technology, 2013-2018.
- **Foreign Hundred Talents Program in Anhui**, China, 2013
- **Anhui Distinguished Foreign Expert 2013**, China.

- **Expert** of the French Ministry of Higher Education, Research and Innovation (CIR).
- **Expert** of the European Science Foundation (ESF)
- **Expert** of the Chinese Ministry of Education for Chang Jiang Scholars Program, Chine.
- **Expert** of the METRANS Transportation Center, USA.

- **Expert** de Fonds de recherche Nature et technologies du Québec, Canada.
- **Expert** of Ministry of Education and Science, Republic of Kazakhstan.
- **Expert** of the Shared Transport Branch of China Communications and Transportation Association.
- **Member of** Scientific Advisory Board of Master Big Data, ESCP Europe.

- **Commended paper award** of the 10th IFAC MIM 2022, "A Reinforcement Learning Variable Neighborhood Search for the Robust Dynamic Bayesian Network Optimization Problem Under the Supply Chain Ripple Effect", with M. Liu, H. Tang, F. Zheng and C. Chu.

- **Award** to « Recent advances and opportunities in sustainable food supply chain: a model-oriented review » published in Volume 56 (2018) of the « International Journal of Production Research » for their top citations by Tayor & Francis Group.

- **Best Paper Award** of the 15th International Conference on Service Systems and Service Management (ICSSSM), July 21-22, 2018, Hangzhou, China, "A Two-stage Stochastic Programming Approach for Aircraft Landing", with M. Liu, L. Bian, F. Zheng and C. Chu.
- **Deuxièmee Prix** de **"13th Philosophy and Social Science Outstanding Achievement Award"** in Shannxi province, China, 2017, "Improved Quantum-inspired Evolutionary Algorithm for Large-Size Lane Reservation", *IEEE Transactions on Systems*, *Man and Cybernetics*: *Systems,* vol. 45, n° 12, pp. 1535-1548, 2015 , with A. Che, P. Wu and M. Zhou.
- **Deuxième prix** de "**Outstanding Social Science Achievements**" in Fujian province, China, 2016, "A cut-and-solve based algorithm for optimal lane reservation with dynamic link travel times ", International Journal of Production Research, 52 (4): 1003--1015, 2014, with Y. Fang, S. Mammar and A. Che.
- **Troisième Prix** de **"12th Philosophy and Social Science Outstanding Achievement Award"** in Shannxi province, China, 2015, "ε-constraint and fuzzy logic-based optimization of hazardous material transportation via lane reservation ", IEEE Transactions on Intelligent Transportation Systems, 14 (2): 847-857, 2013, with Z. Zhou, A. Che and M. Zhou.
- **Premier Prix** de "**Outstanding Natural Science Academic Papers**" par la province Fujian, China, 2014, "Optimal lane reservation in transportation network", IEEE Transactions on Intelligent Transportation Systems, 13(2): 482-491, 2012, with Y. Fang, S. Mammar and M. Zhou.
- **Best Conference paper Award** of the IEEE ICNSC 2012, "*A multi-objective model for the hazardous materials transportation problem based on lane reservation*", with Z. Zhou, A. Che and S. Mammar.

7. ACTIVITE D'ENSEIGNEMENT

- **Enseignement à l'IUT Evry** : Formation initiale et d'apprentissage dans des disciplines (1e et 2e années de DUT et Licence pro.) relevant des thématiques des sections 27e et 61e du CNU. Cours, TD et TP en « Recherche opérationnelle », « Coordination approvisionnement/Production », « Gestion de la relation client », « Gestion de production spécifique » et « Gestion physique de stock »
- **Enseignements à UTT** : Formation d'ingénieurs en Systèmes Industriels (4e et 5 années) dans des disciplines relevant des thématiques des sections 27e et 61e du CNU. Cours, TD et TP en « Recherche

opérationnelle », « Planification et ordonnancement de la production », « Gestion des stocks et prévision des demandes », « Eléments d'automatique et contrôle industriel ».

– *Charge annuelle moyenne* : 240 heures équivalent TD.

7. ENCADREMENT

7.1. Encadrement du 3e cycle : thèse doctorale

7.1.1. Encadrement de thèses soutenues

1 **Co-directeur** (avec Christian Prins) de la thèse doctorale de Nacima Labadie soutenue le 11 décembre 2003 avec le sujet « Problème tactiques et stratégiques en tournées sur arcs ». *Elle est professeur à l'UTT.*

2 **Co-directeur** (avec Chengbin Chu) de la thèse doctorale de Caroline Desprez soutenue le 7, octobre 2008 avec le sujet « Optimisation et simulation d'un système de production : application à la fabrication de sous-ensembles nucléaires. *Elle est ingénieur et chef de projet à la SNCF*.

3 **Co-directeur** (avec Haoxun Chen) de la thèse doctorale de Qingning Shen soutenue le 9, juillet, 2009 avec le sujet «Modélisation et optimisation du transport pétrolier ». *Il est professeur associé et directeur adjoint de School of Management, University of Petroleum of Chine.*

4 **Co-directeur** (avec Haoxun Chen) de la thèse doctorale de Zhen Yang soutenue le 17 décembre 2009 avec le sujet « Etude de problèmes de localisation de sites dans la conception de réseaux logistiques ». *Il est professeur associé à* Xi'an Jiaotong University*, Chine*.

5 **Co-directeur** (avec Christian Prins) de la thèse doctorale de Jinfeng Li soutenue le 7 juillet 2010 avec le sujet « Localisation d'usines et de plates-formes dans la chaîne logistique ». *Il est ingénieur senior à IBM-Research, China.*

6 **Directeur** de la thèse doctorale en co-tutelle entre Xi'an Jiaotong University (Chine) et UTT de Zhanguo Zhu soutenu le 28 octobre 2011 avec le sujet « Problèmes d'ordonnancement avec l'affectation de ressources consommables et l'effet d'apprentissage» (séjours en France pendant 2 ans). *Il est professeur à Nanjing Agricultural University, China.*

7 **Co-directeur** (avec Haoxun Chen) de la thèse doctorale de Nasreddine Saidani soutenue le 23, mars 2012 avec le sujet « Localisation et conception de la qualité des établissements commerciaux dans un environnement concurrentiel». *Il est chargé de mission à l'Altao, France.*

8 **Directeur** (avec Saïd Mammar) de la thèse doctorale de Yunfei Fang soutenue le 18, juin 2013 avec le sujet « Etude des problèmes de la réservation de voies dans un réseau de transport». *Il est professeur associé de FuZhou University.*

9 **Directeur** de la thèse doctorale de Zhen Zhou en cotutelle entre Northwestern Polytechnic University (Chine) et l'Université d'Evry soutenue le 29 octobre 2014 avec le sujet « Optimisation du transport de matières dangereuses par la réservation de voies » (séjours en France pendant 2 ans). *Elle est*

professeur assistant du Northwestern Polytechnic University.

10 **Directeur** de la thèse doctorale en cotutelle entre University of Science and Technology of China et et l'Université d'Evry de Chenpeng Feng soutenue le 18 décembre 2015 avec le sujet « Evaluation de la performance environnementale et allocation de quotas basées sur la DEA ». *Il est professeur associé du Hefei University of Technology*.

11 **Directeur** de la thèse doctorale de Tingying Wu en cotutelle entre Xi'an Jiaotong University et l'Université d'Evry soutenue le 16 décembre 2015 avec le sujet « Modèles et algorithmes pour des problèmes de location de sites à deux échelons avec la sélection de taille ». *Il est professeur assistant de Shanghai University.*

12 **Directeur** de la thèse doctorale de Peng Wu en cotutelle avec Northwestern Polytechnic University (China) soutenue le 30 juin 2016 avec le sujet «*A Study on lane reservation problems in transportation networks* ». *Il est professeur associé de FuZhou University.*

13 **Directeur** de la thèse doctorale de Junheng Cheng en cotutelle avec Northwestern Polytechnic University (China) soutenue le 7 décembre 2017 avec le sujet «Multi-criteria Batch Scheduling under Time-of-Use Tariffs». *Elle est professeur associé de* F*ujian Normal University.*

14 **Directeur** de la thèse doctorale de Yantong Li soutenue le 26 octobre 2018 avec le sujet « Models and Algorithms for a Class of Production Routing Problems». *Il est professeur associé, China.*

15 **Directeur** de la thèse doctorale de Yanting Hou en cotutelle avec Tongji University (China) soutenue le 22 novembre 2019 avec le sujet « Gestion des Revenus dans un Réeseau de Compagnies Aériennes». Consultant, Altran

16 **Directeur** de la thèse doctorale de Yipei Zhang en cotutelle avec Northwestern Polytechnic University (China) soutenue le 20 décembre 2019 avec le sujet « Optimization of Closed-loop Food Supply Chain with Returnable Transport Items ». *Elle est professeur assistante de Chang'an University.*

17 **Directeur** de la thèse doctorale de Junkai He soutenue le 06 juillet 2020 avec le sujet « Efficient models and methods for disassembly line balancing problems under uncertainty in remanufacturing industries ». Post-doc, IRT SystemX, France.

18 **Directeur** de la thèse doctorale de Ying Li soutenue le 06 décembre 2021 avec le sujet « Modèles et Méthodes Efficaces pour de Nouveaux Problèmes d'affectation Intégrée des Navires aux Postes à Quai et aux Grues ». *Elle est professeur assistant de Henan University.*

7.1.2. Encadrement de thèses en cours

1 **Directeur (50%)** de la thèse doctorale de Peng Fu en cotutelle avec Fuzhou University (Chine) depuis decembre 2020 avec le sujet « Stochastic and multi-criteria optimization for remanufacturing industry» (séjours en France pendant 2 ans).

2 **Directeur (100%)** de la thèse doctorale de Liping Guo depuis decembre 2020 avec le sujet « Data driven intelligent route planning system».

3 **Directeur (50%)**de la thèse doctorale de Jing Li en cotutelle avec Northwestern Polytechnic University (Chine) depuis decembre 2021 avec le sujet « Optimization for Emergency Logistics under Uncertainty » (séjours en France pendant 2 ans).

4 **Directeur (50%)** de la thèse doctorale de Xinyue Wang en cotutelle avec Northeastern University (Chine) depuis octobre 2022 avec le sujet « optimisation multi-objectifs de l'ordonnancement avec demande pesonnalisée» (séjours en France pendant 2 ans).

5 **Directeur (50%)** de la thèse doctorale de Ding Chen en cotutelle avec Fuzhou University (Chine) depuis octobre 2022 avec le sujet « Optimisation de la chaîne logistique agro-alimentaire en boucle fermée avec conteneurs réutilisables et partageables» (séjours en France pendant 2 ans).

6 **Co-directeur (25%)** de la thèse doctorale de Xiechen Zhang depuis décembre 2022 avec le sujet « optimisation multicritère et stochastique pour l'ordonnancement».

7.2. Co-responsables scientifiques des stages post-doc

1. **Encadrant du stage post-doctoral** de Xin Feng (2018-2019) avec le sujet « Crowdsource-enabled integrated production and transportation scheduling for smart city logistics ». *Il est actuellement professeur assistant à Fujian Agricultural University, China.*
2. **Co-encadrant** (avec Haoxun Chen) **du stage post-doctoral** de Yugang Yu (2004-2005) avec le sujet « Optimisation du problème combiné du transport et du stock ». *Il est actuellement professeur et directeur de School of Management, University of Science and Technology of China.*
3. **Co-encadrant** (avec Chengbin Chu) **du stage post-doctoral** de Jinhong Zhong (2004-2006) avec le sujet « Regroupement des besoins avec des sous-traitants et des ventes différée ». *Il est actuellement professeur à Hefei University of Technology, Chine*.
4. **Co-encadrant** (avec Haoxun Chen**) du stage post-doctoral** de Jianxiang Li (2006-2007) avec le sujet « Coordination de la chaîne logistique». *Il est actuellement professeur associé à Beijing Institute of Technology, Chine.*

7.3. Encadrement du 3^{e} cycle : Master et DEA

1. **Co-directeur (50%)** (avec Chengbin Chu) **du DEA** de Jérémie Morin soutenu en septembre 2004 avec le sujet « Planification et ordonnancement multi-ressources». Le stage du DEA a eu lieu au CEA à Val-duc.
2. **Directeur du DEA** de Caroline Desprez soutenu en septembre 2004 «Modélisation d'un système de production». Le stage du DEA a eu lieu au CEA à Val-duc.
3. **Directeur du Master de Recherche** de Bertrand Deleuze soutenu en septembre 2005 « Modélisation et optimisation d'une chaîne d'assemblage de prototypes ». Le stage du Master a eu lieu au CEA à Val-duc.

4. **Directeur du Master de Recherche** de Jun GAN soutenu en septembre 2008 avec le sujet « Amélioration des flux équipements A380 vers la chaîne de production ». Le stage du Master a eu lieu Airbus à Saint-Nazaire.
5. Co-directeur (avec Saïd Mammar) **du Master de Recherche** d'Ahmed Zaamoun soutenu en Juin 2011 avec le sujet « Analyse et simulation du modèle de coopération entre le conducteur et le système d'aide à la conduite ».
6. Directeur **du Master de Recherche** d'Azedine Djennoune soutenu en septembre 2011 avec le sujet «Modélisation et comparaison de la consommation d'énergie en situation de trafic multimodal ».
7. Directeur français **du Master de Recherche** de Mahbouba Sallem en collaboration avec l'Université École Nationale d'Ingénieurs de Tunis en 2015 avec le sujet « Optimisation multicritère de réseau de transport multimodal en intégrant le véhicule électrique».

7.4. Encadrement de stages de 2e cycle

Encadrement de 10 stages de fin de l'étude et d'ingénieur de longue durée (6 mois) par an entre 1999-2008, soit en total environ 80 stages encadrés.

Encadrement de 2-3 stages de la formation initiale de DUT de 2e année (3 mois) par an depuis 2009.

Suivi de 2-4 élèves de la formation d'apprentissages de DUT par an depuis 2010.

Suivi de 2-3 élèves de Licences Professionnel par an depuis 2010.

8. PROJETS ET RESPONSABILITES

8.1. Projets à l'INRIA pendant ma thèse doctorale

1. **Participation du projet Européen EUREKA-FAMOS (1992 1993)** à l'INRIA avec le sujet «Simulation de machines automatiques de briquetage pour la sidérurgie ». **Partenariat** : Université de Technologie de Delft (Pays-Bas), Paul WURTH, ARBED (Luxembourg), SCORIL et INRIA (France).
2. **Participation au projet SYREP (1993 1995)** à l'INRA avec le sujet « Développement des méthodes de planification et d'ordonnancement ». **Partenariat** : Société Pechiney et INRIA.

8.2. Projets à l'UTT (1999-2009)

1. **Co-responsable du projet international "Modélisation, planification, ordonnancement et contrôle de la production dans les raffineries" (2004-2009)**. Partenariat : Université de Technologie de Guangdong, New Jersey Institute of Technology et Université de Technologie Troyes. Financé par le gouvernement chinois et le conseil régional Champagne-Ardenne.
2. **Co-responsable du projet industriel "Simulation, affectation des fournisseurs dans trois unités de production et analyse de conséquences économiques" (2007-2008). Partenariat :** Chambre

d'agriculture de l'Aube et Université de Technologie de Troyes. Fiancé par la **:** Chambre d'agriculture de l'Aube.

3. **Responsable scientifique du Projet "Ordonnancement de la production dans la fabrication des composants nucléaires" (2003-2007)**. **Partenariat** : CEA et Université de Technologie Troyes.
4. **Participation du projet "Intégration de problématiques d'optimisation en logistique du transport" (2002-2004)** dans le cadre du Contrat de Plan Etat-Région.
5. **Participation au projet international "Usine du futur" (1999-2001)** avec le sujet « le problème d'ordonnancement de robot dans la production cyclique ». **Partenariat** : Université Tel-Aviv et Université de Technologie Troyes. Fiancé par l'association franco-israélien pour la recherche scientifique et technologique,
6. **Participation du projet "Modélisation et évaluation de performance des chaînes logistiques" (2000-2001)** à l'UTT.

8.3. Projets à l'UEVE (2010 -)

1. **Coordinatrice et responsable français du projet international PHC Cai Yuanpei (**2019-2021, N° 43956QF**,** co-responsable chinois : Prof. Yunqiang Yin), **«** Data-driven optimization method for HHCRSP under uncertainty» cofinancé par le Ministère chinois de l'Education et les Ministères français des Affaires étrangères et européennes et de l'Enseignement supéet de la recherche. Partenaires : Université d'Evry Val d'Essonne (France), University of Electronic Science and Technology of China. Montant total de financement estimé: XX euros (mission internationale, 1 bourses doctorales). 7 participants.
2. **Coordinatrice et responsable français du projet international PHC Xu Guangqi** (2019, N°43361PA, co-responsable chinois : Prof. Pengyu Yan), « Operational management for non-profit ride-sharing services» financé par les Ministères français des Affaires étrangères et européennes et de l'Enseignement supérieur et de la recherche, et University of Electronic Science and Technology of China . *Partenaires* : Université d'Evry Val d'Essonne (France), Université de Lorraine et University of Electronic Science and Technology of China. Montant de financement et : 8500 euros (missions internationales pendant 1 an). Nombre de personnes impliquées : 6.
3. **Coordinatrice du projet international** (N° 71571061, 2016-2019**)**, « Optimal bus-exclusive lane reservation in large-scale urban bus transit networks» financé par la **Natural Sciences Foundation of China (NSFC)**. Partenaires : Université d'Evry Val d'Essonne (France), Hefei Université of Technology (Chine). Montant de financement : 566 000 Yuans.
4. **Coordinatrice et responsable français du projet international PHC Cai Yuanpei (**2015-2017, N° 34644SB**,** co-responsable chinois : Asso. Prof. Zhanguo Zhu), **«** Sustainable food supply chain: empirical analysis, design, and evaluating» cofinancé par le Ministère chinois de l'Education et les

Ministères français des Affaires étrangères et européennes et de l'Enseignement supérieur et de la recherche. Partenaires : Université d'Evry Val d'Essonne (France), Université Paris 13 (France), ESCP Europe et Nanjing Agricultural University (China). Montant total de financement estimé: 70000 euros (mission internationale, 2 bourses doctorales). 8 participants

5. **Coordinatrice et responsable français du projet international PHC Xu Guangqi** (2013, N° 30064QD, co-responsable chinois : Asso. Prof. Zhanguo Zhu), **«** Design and optimization of sustainable food supply chain network » financé par les Ministères français des Affaires étrangères et européennes et de l'Enseignement supérieur et de la recherche and Nanjing Agricultural University, China. Partenaire chinois : Université d'Evry Val d'Essonne (France) et Nanjing Agricultural University (Chine). Montant de financement : 12000 euros. 6 participants.
6. **Coordinatrice et responsable français du projet international** (**PHC Cai Yuanpei,** 2012-2014, N° 27927VE, co-responsable chinois : Prof. Huaping Chen), « Optimization theory and method of energy-saving batch scheduling » cofinancé par le Ministère chinois de l'Education et les Ministères français des Affaires étrangères et européennes et de l'Enseignement supérieur et de la recherche. Partenaires : Université d'Evry Val d'Essonne (France), Université Paris 6 (France), University of Science et Technology of China (Chine). Montant de financement de deux pays : 95650 euros (mission internationale, 2 bourses doctorales). 8 participants
7. **Coordinatrice et responsable français du projet international PHC Cai Yuanpei** (2010-2012, N° 24021SH, co-responsable chinois : Prof. Ada Che), « Lane reservation problem in transportation networks » cofinancé par le Ministère chinois de l'Education et les Ministères français des Affaires étrangères et européennes et de l'Enseignement supérieur et de la recherche. Partenaire : Université d'Evry Val d'Essonne (France) et Northwestern Polytechnic University (Chine). Montant de financement : 74990 euros (mission internationale, 1 bourse doctorales). 6 participants.
8. **Participation du projet international PHC Xu Guangqi (2011) «**Modélisation et optimisation de systèmes automatisés et coopératifs de la conduite » financé par les Ministères français des Affaires étrangères et européennes et de l'Enseignement supérieur et de la recherche, (2500 euros), 4 participants.

9. RESPONSABILITES PEDAGOGIQUES ET ADMINISTRATIVES

- Chargé Mission Chine dans l'équipe présidentielle UEVE depuis 2015,
- Responsable de l'équipe d'AROBAS depuis 2019,
- Membre de la commission de recherche (élu) et de CAC à l'Université d'Evry depuis 2012,
- Membre du bureau, du comité scientifique et du conseil (élu) du Graduate Schools et Recherche Computer Science à l'Université Paris-Saclay depuis 2021,
- Co-responsable du Master 2 Organisation et pilotage des systèmes logistiques (OPSL) de l'Université Paris Saclay depuis 2015,

- Membre du comité de la direction du lab. IBISC depuis 2015,
- Membre de la comission internationale de l'UEVE depuis 2015,
- Responsable de poursuite d'étude à QLIO IUT Evry depuis 2009,

- Co-responsable de l'équipe d'AROBAS 2014-2018,
- Membre du conseil d'institut (élu) à l'IUT Evry 2013-2017,
- Membre du conseil du département QLIO depuis 2016,
- Membre du conseil du lab. IBISC (nommée) 2013-2015,
- Direction d'étude de 2e année DUT à QLIO IUT Evry 2010 – 2015,
- Membre du comité de choix à l'IUT Evry depuis 2009 - 2014 ,
- Responsable des séjours à l'étranger de la branche « Systèmes Industriels » à l'UTT entre 2006-2008,
- Responsable du site web de LOSI en 2007,
- Membre élu du bureau de département « Génie des systèmes industriels » entre 2004-2006.

10. RAYONNEMENT INTERNATIONAL ET NATIONALE

10.1. Editorial service

1. Editeur associé d'International Journal of Production Research, 2021 - .
2. Editeur associé d'IEEE Transactions on Automation Science and Engeniering, 2017 - 2021.
3. Editeur associé d'IEEE Transactions on Intelligent Transportation Systems depuis 2013 - .
4. Editeur associé d'IEEE Transactions on Systems, Man and Cybernetics Part C: Applications and Reviews, 2010-2013.
5. Guest Editor of "the Special Issue in memory of Dr. Jean-Marie Proth" of the « International Journal of Production Research », 2022-2023.
6. Guest Editor of the special issue "Challenges and Responses of Automation Science and Engineering to the COVID-19 Pandemic" of the « IEEE Transactions on Automation Science and Engeniering», 2020-2021.
7. Lead Guest Editor of the special issue "I.S. : IESM2019" of the « Journal of Combinatorial Optimization », 2019-2020.
8. Guest Editor of of the special issue "Parking in the Connected and Automated Era: Operation, Planning and Management" of the « Transportation Research Part C : Emerging Technologies », 2019-2020.
9. Guest Editor of of the special issue "Big Data Analytics in the Production and Distribution Industry" of the « International Journal of Production Research », 2019-2020.

10.2. Co-présidente de la 20th International Conference IEEE ICNSC, November 2023, Marseille, France.

10.3. Co-présidente du comité de programme de la 18th International Conference IEEE ICNSC, 5-7 November 2021, Xiamen, China.

10.4. Présidente du comité de programme de l'International Conference on Industrial Engineering and System Management (IESM), 25-27 September 2019, Shanghai, China.

10.5. Co-présidente de la 10th International Conference IEEE ICNSC, April 10-12, 2013, Paris, France.

10.6. Co-présidente du comité de programme de la 9th International Conference IEEE ICNSC, 11-14 April 2012, Beijing, China.

10.7. Membre de Comités Techniques (TC) de Sociétés Savantes

1. IEEE Senoir member.

2. IEEE SMC (The Institute of Electrical and Electronics Engineers, Systems, Man & Cybernetics Society), Technical Committee on Intelligent Transportation Systems.

3. IEEE SMC (The Institute of Electrical and Electronics Engineers, Systems, Man & Cybernetics Society), Technical Committee on Discrete Event Systems

4. IEEE TASE (The Institute of Electrical and Electronics Engineers, Robotics & Automation Society), Technical Committee on Automation in Health Care Management

5. IEEE (The Institute of Electrical and Electronics Engineers, Communication Society) Technical Committee on Quantum Communications and Information Technology (QCIT)

6. IFAC (International Federation of Automatic Control), TC 7.4 Transportation systems**.**

7. IFAC (International Federation of Automatic Control), TC 9.1. Economic, Business, and Financial Systems.

10.8. Membre du comité de programme international :

1. The16th International Conference on Verification and Evaluation of Computer and Communication Systems (VECoS), October 18-20, 2023 - Marrakech, Morocco.
2. The (9th) edition in the series of the International Conference on Control, Decision and Information Technologies (CoDIT'23), May 21-24, 2023, Roma, Italy.
3. The 25th IEEE Intelligent Transportation Systems Conference (IEEE ITSC 2022), October 8-12, 2022, Macao, Chine, (Associate Editor).
4. The IEEE International Conference on Intelligent Robots and Systems (IROS), October 23-27, 2022, Kyoto, Japon, (Associate Editor).
5. The 10th IFAC triennal conference Manufacturing Modelling, Management and Control (MIM 22), June 22 - 24, 2022, Nantes, France.
6. The 19th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2022), Jury 14-16, 2022, Lisbon, Portugal.

7. The19th IEEE International Conference and Control on Networking, Sensing (ICNSC2022), October 20-23, 2022, Shanghai, China.
8. The15th International Conference on Verification and Evaluation of Computer and Communication Systems (VECoS), 28-30 September, 2022, Tbilisi, Georgia.
9. The 8th International Conference on Control, Decision and Information Technologies (CoDIT '22), May 17-20, 2022, Istanbul, Turkey.
10. The conference 2022 International Symposium on Intelligent Robotics and Systems (ISoIRS 2022), October 14-16, Chengdu, China.
11. The 24th IEEE Intelligent Transportation Systems Conference (IEEE ITSC 2021), 19-22, September, 2021 Indiana, USA, (Associate Editor).
12. The IEEE International Conference on Intelligent Robots and Systems (IROS), 27 September- 1 October, 2021, Prague, Czech Republic, (Associate Editor).
13. The 16th IFAC Symposium on Control in Transportation Systems (IFAC CTS), 8-10th June 2021, Lille, France, (Associate Editor).
14. The 18th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2021), 6-8, July, 2021.
15. 13ème Colloque sur la Modélisation des Systèmes Réactifs (MSR'21), 8-11, novembre, 2021, Paris, France.
16. Advances in Production ManagementSystems (APMS 21), 5-9, September, 2021, Nante, France.
17. The 23st IEEE International Conference on Intelligent Transportation Systems (ITSC 2020), 20-23, September, 2020, Rhodes, Greece, (Associate Editor).
18. La 13ème conférence internationale Modélisation, Optimisation et Simulation (MOSIM 2020), 12-14 novembre 2020, Agadir, Maroc.
19. The14th International Conference on Verification and Evaluation of Computer and Communication Systems (VECoS), 22-25 September, 2020, Xi'an, China.
20. The IEEE International Conference on Intelligent Robots and Systems (IROS), 22-30 October, 2020, Las Vegas, USA. (Associate Editor)
21. The 17th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2020), 7-9, July, 2020, Paris, France.
22. The Asia-Pacific Conference on Robotics and Autonomous Systems (APCRAS 2020), 20-22, March, Nagoya, Japan.
23. The 22st IEEE International Conference on Intelligent Transportation Systems (ITSC 2019), 27-30, October, 2019, Auckland, New Zealand, (Associate Editor).
24. The 9th IFAC Manufacturing Modelling, Management and Control (MIM 2019), August 28-30, 2019, Berlin, Germany.

25. The 2019 IEEE International Conference on Systems, Man, and Cybernetics (SMC2019), October 6-9, 2019, Bari, Italy.
26. The13th International Conference on Verification and Evaluation of Computer and Communication Systems (VECoS), 7-9 october 2019, Porto, Portugal.
27. Le 20ème Congrès Annuel de la Société Française de Recherche Opérationnelle et Aide à la Décision (ROADEF), 19-21, Février, 2019, Havre, France.
28. The 16th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2019), 29-31, July, 2019, Prague, Czech Republic.
29. The fifteenth International Conference on Autonomic and Autonomous Systems (ICAS), Jun 2-6, 2019, Athens, Greece.
30. International Conference on Industrial Engineering and System Management (IESM), 11-13 Octobre, 2019, Shanghai, China.
31. The 21st IEEE International Conference on Intelligent Transportation Systems (ITSC 2018), November 4-7, 2018, Hawaii, USA, (Associate Editor).
32. The 2018 IEEE International Conference on Systems, Man, and Cybernetics (SMC2018), October 7-10, 2018, Miyazaki, Japan.
33. Le 19ème Congrès Annuel de la Société Française de Recherche Opérationnelle et Aide à la Décision (ROADEF), 21-23, Février, 2018, Lorient, France.
34. The 15th IFAC Symposium on Control in Transportation Systems (CTS2018), June 6-8, 2018, Genova, Italy (Associate editor).
35. The 12th International Conference on Verification and Evaluation of Computer and Communication Systems (VECoS), September 2018, Grenoble, France.
36. The 15th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2018), 29-31, July, 2018, Porto, Portugal.
37. The Fifth International Conference on Control, Decision and Information Technologies (CoDIT'18), April 10-13, 2018, Thessaloniki, Greece.
38. The Fourth International Conference on Green Supply Chain (GSC'2018), Thessaloniki, Grèce, July, 2018.
39. The Fourteenth International Conference on Autonomic and Autonomous Systems (ICAS), May 20 - 24, 2018, Nice, France.
40. The14th IEEE International Conference and Control on Networking, Sensing (ICNSC, March 27-29, 2018, Zhuhai, China.
41. The international workshop on Intelligent & Sustainable Urban Transportation (ISUT'2018), June 25-28, 2018, Natal, Brazil.

42. IEEE 20th International Conference on Intelligent Transportation Systems (ITSC 2017,), October 16 - 19, 2017, Yokohama, JAPAN, (Associate Editor).
43. The 2017 IEEE International Conference on Systems, Man, and Cybernetics (SMC2017), October 5-8, 2017, Banff, Canada.
44. 6th IEEE International Conference on Advanced Logistics and Transport (IEEE ICALT 2017), 24-27 July, 2017, Bali – Indonesia.
45. The International Workshop on Intelligent & Sustainable Urban Transportation (ISUT'2017), July 3- 6, 2017, Crete, Greece.
46. The 11th International Conference on Verification and Evaluation of Computer and Communication Systems (VECoS), August 23-25, 2017, Montréal, Canada.
47. International Conference on Industrial Engineering and System Management (IESM), 11-13 Octobre, 2017, Saarbrücken, German.
48. Congrès Annuel de la Société Française de Recherche Opérationnelle et Aide à la Décision (ROADEF), 22-24, Février, 2017, Metz, France.
49. The 14th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2017), 29-31 July, 2017, Madrid, Spain.
50. The14th IEEE International Conference and Control on Networking, Sensing (ICNSC), May 16-18, 2017, Calabria, Italy.
51. The Fourth International Conference on Control, Decision and Information Technologies (CoDIT'17), April 5-7, 2017, Barcelona, Spain.
52. The first International Conference on Engineering, Applied Sciences and System Modeling (ICEASSM), 18-21 April, 2017, Accra, Ghana.
53. The Thirteenth International Conference on Autonomic and Autonomous Systems (ICAS), May 21 - 25, 2017, Barcelona, Spain.
54. The 2016 IEEE International Conference on Systems, Man, and Cybernetics (SMC2016), 9-12 October, 2016, Budapest, Hungary.
55. The IEEE 19th International Conference on Intelligent Transportation Systems (ITSC 2016), November 1-4, 2016, Rio de Janeiro, Brazil, (Associate Editor).
56. The 12th annual IEEE International Conference on Automation Science and Engineering (IEEE CASE 2016), August 21-24, 2016, Texas, USA, (Associate Editor).
57. The 14th IFAC Symposium on Control in Transportation Systems (CTS 2016), 18-20 May, 2016, Istanbul, Turkey.
58. The 10th International Workshop on Verification and Evaluation of Computer and Communication Systems (VECos 2016), 6-7 october, 2016, Tunis, Tunisia.

59. The 13th IEEE International Conference on Networking, Sensing and Control (ICNSC´2016) April, 28-30, Mexico City, Mexico.
60. The Twelfth International Conference on Autonomic and Autonomous Systems (ICAS 2016), June 26 - 30, 2016, Lisbon, Portugal.
61. Third International Conference on Control, Decision and Information Technologies (CoDIT'16), April 6-8, 2016, Malta.
62. The International Conference on Advanced Logistics and Transport (IEEE ICALT'2016), 1-3, June 2016, Cracow, Poland.
63. 13th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2016), 29-31 July, 2016, Lisbon, Portugal.
64. The International Conference on Green Supply Chain (GSC'2016), July 10-13, 2016, London, UK.
65. IFAC and CIGRE/CIRED Workshop on Control of Transmission and Distribution Smart Grids CTDSG'16, 11-13, october, 2016, Prague, Czech Republic.
66. The 2015 IEEE International Conference on Vehicular Electronics and Safety (ICVES 2015), 5-7, November, 2015, Yokohama, Japan.
67. IEEE Conference on Intelligent Transportation Systems (IEEE ITSC 2015), 15 - 18 September, 2015, Canary Islands, Spain, (Associate Editor).
68. The 2015 IEEE International Conference on Systems, Man, and Cybernetics (SMC2015), 9-12 October, 2015, Hong Kong.The 45th International Conference on Computers & Industrial Engineering (CIE45), October, Metz, France.
69. 12th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2015), 21-23 July, 2015, Colmar, Alsace, France.
70. The International Conference on Automatic Control, Telecommunication and Signals (ICATS'15), November 16-18, 2015, Annaba, Algeria.
71. 9th International Workshop on Verification and Evaluation of Computer and Communication Systems (VECoS 2015), 10-11 September, 2015, Bucharest, Romania.
72. International Conference on Industrial Engineering and System Management (IESM'15), October 21-23, 2015, Sevilla,.
73. Congrès Annuel de la Société Française de Recherche Opérationnelle et Aide à la Décision (ROADEF), 26-27 Février 2015, Marseille, France.
74. 12th IEEE International Conference and Control on Networking, Sensing (ICNSC), April, April 9-11, 2015, Taipei, Taiwan.
75. 4th IEE International Conference on Advanced Logistics and Transport (IEEE ICALT'2015), 20-22 May 2015, Valenciennes, France.

76. 3rd ScienceOne International Conference on Information Technology (ICIT2015), 21-23, January, 2015, Dubai, France.
77. IEEE Conference on Intelligent Transportation Systems (IEEE ITSC 2014), 8-11, October, 2014, Qingdao, China, (Associate Editor).
78. IEEE International Conference on Systems, Man, and Cybernetics (SMC2014), 5-8, October, 2014, San Diego, California, USA.
79. The Seventh International Joint Conference on Computational Sciences and Optimization (CSO2014), July 4-6, 2014, Beijing, China.
80. IEEE International Conference on Control, Decision and Information Technologies (CoDIT2014), 3-5, 2014, November, Metz, France.
81. International Conference on Green Supply Chain (GSC'2014), 25-27 June, 25-27, 2014, Arras, France.
82. 3re International Conference on Advanced Logistics and Transport (ICALT'2014), May 29-31, 2014, Hammamet, Tunisia.
83. Sixth international Joint Conference on Computational Sciences and Optimization (CSO2013), Sanya, China, December 13-15, 2013.
84. IFAC Conference on Manufacturing Modelling, Management and Control (MIM2013), June 19-21, 2013, Saint-Petersburg, Russia.
85. IEEE International Conference on Systems, Man, and Cybernetics (SMC2013), 13-16 October 13-16, 2013, Manchester, UK.
86. 7th International Conference on Innovative Production Machines and Systems (I*PROMS), August 28-30, 2013, Metz, France
87. 5th International Conference on Industrial Engineering and Systems Management (IESM2013), October, 28-30, 2013, Rabat, Morocco.
88. 2st International Conference on Advanced Logistics and Transport (ICALT'2013), May 29-31, 2013, Sousse, Tunisia.
89. International Conference on Advanced Mechatronic Systems (ICAMechS2012), September 18-22, 2012, Tokyo, Japan.
90. International Workshop on Process-Aware Logistics Systems (PALS), September 3rd, 2012, Tallinn, Estonia, Tunisia.
91. International workshop on Green Supply Chain (GSC2012), June 21-22, 2012, Arras, France.
92. Fifth International Joint Conference on Computational Sciences and Optimization (CSO2012), June 24-26, 2012, Harbin, China.
93. First international Conference on Mobility, Security, and Logistics in Transport (MSLT), February, 24-26, 2011, Djerba, Tunisia.
94. Fourth International Conference on Business Intelligence and Financial Engineering, October 17, 2011,

Wuhan, China.

95. Fourth International Joint Conference on Computational Sciences and Optimization (CSO 2011), April 15-19, 2011, Yunnan, China.
96. Conférence internationale IEEE SMC 2008, 12-15 octobre 2008, Singapore.
97. Conférence internationale IEEE SMC 2007, 7-10 octobre 2007, Montréal, Canada.
98. Conférence internationale IESM'07, 30 mai-2 juin 2007, Beijing, Chine.
99. Conférence internationale IEEE SMC 2006, octobre 2006, Taipei, Taiwan.

10.9. Membre du comité d'organisation :

1. The 14th IEEE International Conference and Control on Networking, Sensing, March 27-29, 2018, Zhuhai, China. (Advisory Committee member).
2. The 20th World Congress of the International Federation of Automatic Control (IFAC), 9-14 July 2017, Toulouse, France. (Registration Vice Chair)
3. The14th IEEE International Conference and Control on Networking, Sensing, May 16-18, 2017, Calabria, Southern Italy. (Advisory Committee member).
4. The 14th International Conference on Data Envelopment Analysis, Wuhan, China, May 23-26, 2016 (Advisory Committee member).
5. 11th IEEE International Conference and Control on Networking, Sensing, April 7-9, 2014, Miami, USA (Advisory Committee member).
6. Journée du GTAA du GDR MACS, 23-24 mai 2012
7. Conférence internationale CIE39, 6-8 juillet 2009, Troyes, France.
8. Conférence internationale ICSSSM06, 25-27 octobre 2006, Troyes, France.
9. Conférence internationale IMS'04, juillet 2004, Arles, France.

10.10. Professeur invité :

1. Guangdong University of Technology, août 2005,
2. Xi'an Jiaotong University, juillet 2007,
3. Guangdong University of Technology, août 2007,
4. Southwest University, juin 2008,
5. Northwestern Polytechnic University, août 2009,
6. Northwestern Polytechnic University, Guangdong University of Technology, octobre 20010.
7. Northwestern Polytechnic University and Guangdong University of Technology, juillet, août 2011.
8. University of Science and Technology of China and University of Technology of Hefei, juillet , août, 2012.

9. University of Science and Technology of China and University of Technology of Hefei, juillet , et novembre 2013.
10. University of Technology of Hefei, juillet –aôut, octobre–novembre, 2014
11. Tongji University, University of Technology of Hefei, , novembre, december 2015
12. Nanjing Agricultural University , FuZhou University, Xihua University, avril, juillet octobre, 2016
13. Xihua University, avril, octobre, 2017
14. Fuzhou University, Xihua University, avril, octobre, 2018

10.11. Rapporteur et jury de thèses et d'HDR

1. Président du jury'HDR de Nadia Hamani « Contribution à la durabilité et la résilience de la chaîe logistique : évaluation des performances et aide à la décision », 2022, Université de Picardie Jules Verne.
2. Examinateur du jury'HDR de Said Kharraja « Optimisation des organisations de soins & de santé », 2022, Uuniversité Jean Monnet.
3. Rapporteur du jury d'HDR d'Abdessamad Ait El Kadi « -Logistique 4.0- Optimisation avancée pour systèmes complexes Simulation, optimisation, machine learning & leurs intégration/couplage », 2022, l'INSA Hauts-de-France.
4. Rapporteur du jury de la thèse de Sarah Minich « Approximation algorithms for solving some pagination problems», 2022, Université de Lorraine.
5. Président du jury de la thèse de Lu Zhao, « Road Traffic Modelsf for Validation of Autonomous Vehicle Functionalities », 2021, Université Gustave Eiffel.
6. Président du jury de la thèse de Nassim MRABTI, «Contribution à l'optimisation de la distribution collaborative avec partage de gains sous critères de durabilité», 2021, Université de Picardie Jules Verne.
7. Rapporteur de la thèse de Nasreddine Ouertani « Towards Safe and HealthyTransportation Systems in Dynamic Environments», 2021, Université d'Artois et Université de Tunis.
8. Rapporteur de la thèse d'Anirut KANTASA-ARD « Toward a smart prediction and optimization model in the context of Physical Internet Supply Chain Network », 2021, Université polytechnique hauts de France.
9. Rapporteur de la thèse d'Huihui Chi, « Perspectives of the Sharing Economy : Temporal Ownership Boundary, Self-Cannibalizing Supplier, New Business Models, & Data Policy», 2021, ESCP Paris.
10. Rapporteur de la thèse d'Erfan Asgari, « Optimization of Retailers' Strategies in Price- and Carbon Emission- Sensitive Market », 2021, University of Grenoble Alpes.
11. Président du jury de la thèse de Nitin HARALE, «Développement du système de gestion de la chaîe d'approvisionnement et de la production (SCPMS) pour l'industrie de la mode en petites séries », 2021, Ecole Centrale Lille.

12. Rapporteur de la thèse d' Oussama Batata, « Prédiction et simulation de l'épuisement des aidants et organisation des services de répit», 2020, École Nationale Supérieure des Mines de Saint-Étienne.
13. Rapporteur de la thèse d'Ilhem Slama, « Problème de planification de désassemblage dans un environnement incertain», 2020, IMT Atlantique et Univerité de Sfax (Tunisie).
14. Rapporteur de la thèse d'Elidrissi Abdelhak, « Problème d'ordonnancement sur machine parallèle avec un seul serveur : le cas d'un nombre arbitraire de machines », 2020, Université polytechnique hauts de France et EMI (Maroc).
15. Rapporteur de la thèse de Yanni Xu, « Optimization of the cutting-related processes for consumer-centered garment manufacturing », 2020, Université de Lille.
16. Rapporteur de la thèse de Tarun Kumar Agrawal, « Contribution in development of a secured traceability system for textile and clothing supply chain», 2019, Université de Lille et University of Borås (Suede).
17. Rapporteur de la thèse de Chouaïb Mkireb, « Optimisation et gestion des risques pour la valorisation de la flexibilité énergétique: application aux systèmes d'eau potable», 2019, Université de Technologie Compiègne.
18. Rapporteur de la thèse de Gais ALHADI BABIKIR ALHADI, « Polynomial Approximation Algorithms for Parallel Machine Problems in a Multi-objective or Constrained Context», 2019, Université de Lorraine.
19. Rapporteur de la thèse de Setyawan Ajie Sukarno, « Approximation Methods to Vehicle Routing Problem for a Drone Fleet Management», 2019, Université Polytechnique Hauts-de-France.
20. Examinateur du jury de l'HDR de Shahin Gelareh « Mathematical Modeling and Optimization in Liner Shipping», 2019, Université de Lorraine.
21. Rapporteur de la thèse d'Issam Krimi, « Mathematical models and heuristics for bulk port-related supply chain optimization», 2019, Université Polytechnique Hauts-de-France et Ecole Mohammadia d'Ingénieurs (Maroc).
22. Examinateur du jury de la thèse de Sylvain MARIE, « Déploiement optimal d'un réseau de capteurs sous des contraintes de couverture et de connectivité », 2019, Conservatoire National des Arts et Métiers Paris.
23. Président du jury de la thèse de Hiba Bederina, « Problèmes de tournées de véhicules robustes multi-objectifs», 2018, Université de Picardie Jules Verne.
24. Rapporteur de la thèse de Haddou Benderbal H., « Développement d'approches évolutionnaires multicritère basées sur une nouvelle famille d'indicateurs de performance pour la conception d'un système manufacturier reconfigurable (RMS) », 2018, Université Lorraine.
25. Rapporteur de la thèse de Ke Ma, « Inter-Organizational Collaboration for Optimizing Textile Supply Chains», 2018, Université de Lille et University of Borås (Suede).

26. Rapporteur de l'HDR de Neila Bouri, « Régulation, fiabilité et qualité de service des réseaux de transports multimodaux », 2018, Université Paris-Est.
27. Rapporteur de la thèse de Mohammed amine Ait Ouahmed, « Optimisation dans l'auto-partage à un seul sens avec voitures électriques et relocalisations », 2018, Université d'Avignon.
28. Rapporteur de la thèse de Dorsaf Daldoul, « Vers une approche intégrée pour la planification tactique et opérationnelle d'un service d'urgence hospitalier», 2018, Université d'Artois et Ecole Nationale des Ingénieurs de Tunis (Tunisie).
29. Examinateur du jury de la thèse de Zeineb Baklouti, « Génération automatique de chemins aériens 3D pour des hélicoptères », 2018, Université de Valenciennes et du Hainaut Cambrésis and Tongji University (China).
30. Rapporteur de la thèse de Yahya BOUZOUBAA, « Méthodes exactes et heuristiques pour l'optimisation de l'agencement d'un logement – application aux situations de l'handicap », 2017, Université Lorraine.
31. Examinateur du jury de l'HDR de Malek Masmoudi « Contribution a la modelisation et a la resolution de problemes decisionnels dans les domaines hospitalier et logistique », 2017, Université de Saint-Etienne.
32. Examinateur du jury de la thèse de Zhu Wang « Modeling and scheduling of multi-cluster tools in wafer fabrication system », 2017, Université de Valenciennes et du Hainaut Cambrésis and Tongji University.
33. Président du jury de la thèse de Nizar Triki «Planification des soins à domicile», 2016, Université Blaise Pascal de Clermont - Ferrant II.
34. Rapporteur du jury de la thèse de Yousif Elhadi Elsideeg Ahmed «Modeling, Scheduling and Optimization of Wireless Sensor Networks for Long-lifespan Systems Monitoring », 2016, Université Lorraine.
35. Rapporteur du jury de la thèse de Mohammed Albarra HASSAN ABDELJABBAR HASSAN « Parallel Scheduling in the Cloud Systems : Approximate and Exact Methods», 2016, Université Lorraine.
36. Rapporteur du jury de la thèse de Moudher Abdal-Hammed «Résolution heuristiques du problème de tournées de véhicules avec des contraints de chargement en deux-dimensions », 2016, Université de Picardie Jules Verne.
37. Examinateur du jury de la thèse de Nicolas Danloup « Les problèmes de collectes et livraisons avec collaboration et transbordements : modélisations et méthodes approchés », 2016, Université d'Artois.
38. Rapporteur du jury de la thèse de Yufeng Chen « Optimal supervisory control of flexible manufacturing systems », 2015, CNAM, Paris.
39. Examinateu du jury de la thèse de Ding Liu « Intrinsically live structures and deadlock control in generalized Petri nets », 2015, CNAM, Paris.
40. Rapporteur du jury de la thèse Gaiyun Liu « Supervisor synthesis for automated manufacturing systems

based on structure theory of Petri nets», 2014, CNAM, Paris.

41. Rapporteur du jury de la thèse de Mustapha Ratli « Parking management system in a dynamic and multi-objective environment », 2014, Université de Valenciennes et du Hainaut Cambrésis.
42. Examinateur du jury de la thèse de Thomas Hujsa « Contribution à l'étude des réseaux de Petri généralisés », 2014, Paris 6.
43. Examinateur du jury de la thèse de Samia Smaili «Modélisation et commande d'un système de trafic multimodal», 2012, UEVE.
44. Rapporteur du jury de la thèse de Xiaokang Cao « Problème de renouvellement des équipements multi-périodes », 2011, UTC.
45. Examinateur du jury d'HDR de Nacima Labadi «Méthodes approchées et exactes pour des problèmes de logistique du transport », 2011, UTT.
46. Examinateur du jury de la thèse de Bo Dai «Planification Collaborative de Logistique parmi les Transporteurs: Modèles et approches », 2011, UTT.

10.12. Membre de comité de sélection

Université d'Evry, 2011(27-MdC), Université Lorraine, 2015(61-PR-0527), Université D'Artois, 2015 (27-MdC-1419). Université Lorraine, 2016 (61-PR-0527, 27-PR-0289) , Université D'Artois, 2016 (61-MCF), Université d'Evry, 2017(60-MCF), Université de Lorraine, 2017(61-MCF), Université Valencienne, 2017(27-PR), Université Technologie Compiègne, 2018(27-PR), Université de Lorraine, 2018 (27-MCF), Université d'Evry, 2018 (61-MCF, 60-MCF). Université de Lorraine, 2019 (61-MCF), Université D'Artois, 2019 (61-PR), Université d'Evry, 2019 (27-PR, 27-PR, 61-PR, 61-PR, 61-PR), Université de Lorraine, 2020 (27-PR), Université de Lorraine, 2021 (27-PR), Université de Lorraine, 2022 (27-PR, 27-MCF), INSA Valenciennes, 2023(27- PR), Université de Lorraine, 2023(61,63-PR), UEVE 2023 (27-MdC), Mines Staint-Etienne 2023(27-MdC).

10.13. Rapporteur pour des revues internationales comme IEEE (TRA, TASE, SMC), EJOR, IJPR, CIE, etc.…

11. PUBLICATIONS

Les noms des doctorants ou post-doctorants encadrés sont soulignés dans la référence bibliographique.

11.1. Publications dans des revues internationales à comité de lecture

[1] S. Wang, H. Zhang, **F. Chu** and L. Yu, "A Relax-and-Fix Method for Clothes Inventory Balancing Scheduling Problem", International Journal of Production Research (IJPR), 2023.

[2] M. Liu, H. Tang, **F. Chu**, Z. Zhu and C. Chu, "Food Inspector Scheduling with Outcome and Daily-schedule Effects", International Journal of Production Research (IJPR), 2023.

[3] S. Wang, R. Wu, **F. Chu** and, J. Yu, "An exact decomposition method for unrelated parallel machine scheduling with order acceptance and setup times", Computers & Industrial Engineering

(CIE), vol. 175, 108899, 2023.
[4] L. Gao, C. Chen, **F. Chu**, C. Liao, H. Huang and Y. Wang, "MOOP: An Efficient Utility-Rich Route Planning Framework over Two-Fold Time-Dependent Road Networks", IEEE Transactions on Emerging Topics in Computational Intelligence, 2023.
[5] P. Yan, X. Cai, **F. Chu**, D. Ni, H. He, "An Incentive Mechanism for Private Parking-sharing Programs in Imperfect Information Setting", Service Science, 2023.

[6] S. Wang and **F. Chu**, "A Decomposition-based Heuristic Method for Inventory Routing Problem" , IEEE Transactions on Intelligent Transportation Systems (IEEE TITS), vol. 23, n° 10, pp.18352-18360, 2022.
[7] P. Hu, **F. Chu**, M. Liu, S. Wang and P. Wu, "An integrated approach for a new flexible multi-product disassembly line balancing problem", Computers & Operations Research (COR), vol. 148, 105932, pp. 1-16, 2022.
[8] J. He, **F. Chu**, F. Zhen, A. Dolgui, M. Liu and C. Chu "Integrated stochastic disassembly line balancing and planning problem with machine specificity", International Journal of Production Research (IJPR), vol. 60, n° 5, pp. 1688-1708, 2022.
[9] Y. Li, **F. Chu**, F. Zheng and M. Liu, "A bi-objective optimization for integrated berth allocation and quay crane assignment with preventive maintenance activities", IEEE Transactions on Intelligent Transportation Systems (IEEE TITS), vol. 23, n° 4, pp. 2938 - 2955, 2022.
[10] X . Liu, **F. Chu**, F. Zheng, C. Chu and M. Liu, "Distributionally robust and risk-averse optimization for the stochastic multi-product disassembly line balancing problem with workforce assignment", International Journal of Production Research (IJPR), vol. 60, n° 6, pp. 1973-1991, 2022.
[11] P. Wu, **F. Chu**, N. Saidani, H. Chen and M. Zhou, "Optimizing Locations and Qualities of Multiple Facilities with Competition via Intelligent Search", IEEE Transactions on Intelligent Transportation Systems (IEEE TITS), vol. 23, n° 6, pp. 5092 – 5105, 2022.
[12] Y. Yin, **F. Chu**, A. Dulgui, T.C.E. Cheng, M.C. Zhou, "Big Data Analytics in Production and Distribution Management", International Journal of Production Research (IJPR), vol. 60, n°22, pp. 6682-6690, 2022.
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