

Student supervision and co-supervision

Post-Doc. :

- [1] **Camilo Aguilar-Herrera**, funded by INRIA/BPI-France/Airbus DS, Jan. 21 - Dec. 22, supervision: 80%
- [2] **Bilel Kanoun**, funded by UCA-IA (UCA_ Jedi IDEX), Oct. 20 - Jul. 21, supervision: 50%
- [3] **Bahram Jafrasteh**, funded by UCA-AI (UCA_ Jedi IDEX), Jan. 20 – Aug. 20, supervision: 50%
- [4] **Nazre Batool**, funded by LIRA-INRIA consortium, Feb. 14 – May 15, supervision: 100%
- [5] **Aurélie Boisbunon**, funded by the French Space Agency (CNES), Oct. 13 - Jan. 15, supervision: 100%
- [6] **Zhao Liu**, funded by LIRA-INRIA consortium, Aug. 12 - Nov. 13, supervision: 100%
- [7] **Yuliya Tarabalka**, funded by the French Space Agency (CNES), Jan. 12 - Aug. 12, supervision: 100%
- [8] **Ikhlef Bechar**, funded by the EADS Foundation, April 11 - March 13, supervision: 30%
- [9] **Vladimir Krylov**, funded by the French Ministry of Research (MENESR) within the CORDI Program, Jan. 11 - May 12, supervision: 100%
- [10] **Koray Karabol**, ERCIM European Fellowship, Nov. 10 - July 11, supervision: 100%
- [11] **Raphael Gaetano**, ERCIM European Fellowship, April 09 - Dec. 09, supervision: 100%
- [12] **Csaba Benedek**, funded by the French Ministry of Research (MENESR) within the CORDI Program, Oct. 08 - Sept. 09, supervision: 50%
- [13] **Florent Chatelain**, funded by the French Ministry of Research (MENESR) within the CORDI Program, Nov. 07 - Sept. 08, supervision: 50%
- [14] **Caroline Chaux**, funded by the French Ministry of Research (MENESR) within the CORDI Program, Nov. 06 - Sept. 07, supervision: 50%
- [15] **Giuseppe Scarpa**, ERCIM European Fellowship, Jan. 06 - Sept. 06, supervision: 100%
- [16] **Mats Erikson**, funded by the French Ministry of Research (MENESR) within the “ARC Mode de Vie” Program, Oct. 05 – Oct. 06, supervision: 50%
- [17] **Dan Yu**, funded by the French Ministry of Research (MENESR) within the CORDI Program, Dec. 05 – Nov. 06, supervision: 20%
- [18] **Alin Achim**, ERCIM European Fellowship, July 04 - Sept. 04, supervision: 100%

- [19] **Nicolas Dey**, INRIA Fellowship, ARC DeMiTri, Feb. 03 - July 04, supervision: 50%
- [20] **Roberto Cossu**, MOUMIR European Project Fellowship, April 03 - March 04, supervision: 30%
- [21] **Charith Abhayaratne**, ERCIM European Fellowship, March 03 - Feb. 04, supervision: 30%
- [22] **Ian Jermyn**, MOUMIR European Project Fellowship, Aug. 00 – Sept. 01, supervision: 100%
- [23] **Ercan Kuruoglu**, ERCIM European Fellowship, Nov. 99 - July 00, supervision: 100%
- [24] **Xavier Descombes**, INRIA Fellowship, Jan. 96 - Sept. 96, supervision: 50%
- [25] **Robin Morris**, INRIA Fellowship, Nov. 95 - Oct. 96, supervision: 70%
- [26] **Meir Griniasty**, INRIA Fellowship, Nov. 93 - Oct. 94, supervision: 50%

Thesis :

- [1] **Martina Pastorino**, “New methods for semantic segmentation of remote sensing images combining hierarchical probabilistic graphical models and deep convolutional neural networks”, Italian Government fellowship with financial support from DGD-S Inria, Nov. 20 – Oct. 23, supervision: 50%
- [2] **Jules Mabon**, “Stochastic geometry for multiple object detection and tracking in high resolution multi-source data sets”, INRIA/BPI-France/Airbus DS Fellowship, Oct. 20 – Sept. 23, supervision : 80%
- [3] **Ihsen Hedhli**, “Change detection methods for multisensor and multiresolution remote sensing images for applications to environmental disaster management”, Italian Government fellowship with financial support from CNES, Jan. 13 - April 16, supervision: 50%
- [4] **Paula Cracium**, “Stochastic geometry for automatic multiple object detection and tracking in remotely sensed high resolution images sequences”, Airbus D&S Fellowship, Dec. 12 - Nov. 15, supervision: 100%
- [5] **Seong-Gyun Jeong**, “Curvilinear structure modeling and its applications in computer vision”, MENESR Fellowship, EDSTIC Program, Dec. 12 - Nov. 15, supervision: 70%
- [6] **Yannick Verdié**, “Reconstruction de scènes urbaines à partir de nuages de points 3D”, MENESR Fellowship, CORDI Program, Oct. 10 - Sept. 13, supervision: 10%
- [7] **Sylvain Prigent**, “Apport de l’imagerie multi et hyperspectrale dans l’évaluation de la pigmentation de la peau”, INRIA/Galderma Fellowship, Nov. 09 - Nov. 12, supervision: 30%
- [8] **Jia Zhou**, “Application de l’identification d’objets sur images à l’étude de canopées de peuplements forestiers tropicaux : cas des plantations d’eucalyptus et de mangrove”, Montpellier 2 University Presidency Fellowship, Oct. 09 - Nov. 12, supervision: 30%

- [9] **Aurélié Voisin**, “Développement de techniques avancées de traitement d’image pour la gestion de risques naturels et industriels en zone urbaine”, INRIA/DGA Fellowship, Nov. 09 - Oct. 12, supervision: 80%
- [10] **Ahmed Gamal Eldin**, “Processus ponctuels et algorithmes de coupure minimale de graphe appliqués à l’extraction d’objets 2D et 3D”, MENESR Fellowship, CORDI Program, Oct. 08 - Oct. 11, supervision: 20%
- [11] **Aymen El Ghouli**, “Champs de phase pour l’extraction de réseaux dans des images de télédétection”, INRIA/CNES Fellowship, Oct. 07 - Sept. 10, supervision: 30%
- [12] **Praveen Pankajakshan**, “Déconvolution aveugle pour la microscopie confocale”, MENESR Fellowship, CORDI Program, Dec. 06 - Dec. 09, supervision: 30%
- [13] **Maria S. Kulikova**, “Extraction de formes arbitraires utilisant des processus ponctuels marqués et des contours actifs”, MENESR Fellowship, Oct. 06 – Dec. 09, supervision: 20%
- [14] **Olivier Zammit**, “Détection de zones brûlées après un feu de forêt à partir d’une seule image satellitaire SPOT 5 par technique SVM”, SILOGIC/INRIA Fellowship, Oct. 05 - Sept. 08, supervision: 50%
- [15] **Ting Peng**, “New higher-order active contour models, shape priors, and multiscale analysis: their application to road network extraction from very high resolution satellite images”, MAE/EGIDE, CASIA/LIAMA and Alcatel Alenia Space Fellowship, Sept. 05 - Nov. 08, supervision: 30%
- [16] **Peter Horvath**, “The Gas of circles model and its application to tree crown extraction”, MAE/EGIDE, INRIA and University of Szeged (Hungary) Fellowship, Sept. 05 - Dec. 08, supervision: 30%
- [17] **Alexandre Fournier**, “Détection et classification de changements sur des scènes urbaines en télédétection”, DGA/CNRS Fellowship, Nov. 05 - Oct. 08, supervision: 30%
- [18] **Avik Bhattacharya**, “Indexing of satellite images using structural information”, INRIA/CNES Fellowship, Dec. 04 - Dec. 07, supervision: 30%
- [19] **Florent Lafarge**, “modèles stochastiques pour la reconstruction tridimensionnelle d’environnements urbains”, CNES/CNRS Fellowship, Sept. 04 - Oct. 07, supervision: 30%
- [20] **Guillaume Perrin**, “Etude du couvert forestier par processus ponctuels marqués”, Nov. 03 - Oct. 06, ECP/MENESR Fellowship, supervision: 30%
- [21] **Marie Rochery**, “Contours actifs d’ordre supérieur et leur application à la détection de linéiques sur des images de télédétection”, MENESR Fellowship, Oct. 02 - Sept. 05, supervision: 30%
- [22] **Mathias Ortner**, “Analyse urbaine à partir de modèles numériques d’élévation par processus Markov objet”, DGA/CNRS Fellowship, Oct. 01 - Sept. 04, supervision: 30%

- [23] **Caroline Lacoste**, "Mise à jour cartographique des réseaux linéiques en fusion de données par processus Markov objet", INRIA/BRGM Fellowship, Oct. 01 - Sept. 04, supervision: 30%
- [24] **Karen Brady**, "Segmentation d'image couleur texturée par modèles probabilistes et analyse multi-échelle adaptative", MOUMIR European Project Fellowship, Oct. 00 - Sept. 03, supervision: 30%
- [25] **Oscar Viveros-Cancino**, "Analyse intra-urbaine en fusion de données SPOT/ERS. Application à la ville de Mexico", SFERE/CONACYT Fellowship, Oct. 99 - Feb. 03, supervision: 50%
- [26] **Guillaume Rellier**, "Analyse de textures dans l'espace hyperspectral par des méthodes probabilistes", PACA region/Alcatel Space Industries Fellowship, Nov. 99 - Oct. 02, supervision: 30%
- [27] **Sébastien Drot**, "Segmentation de milieux ruraux à partir d'images aériennes par des techniques de géométrie probabiliste", CIFRE IGN Fellowship, Jan. 99 - Aug. 02, supervision: 40%
- [28] **André Jalobeanu**, "Modèles, estimation bayésienne et algorithmes pour la déconvolution d'images satellitaires et aériennes", MENESR Fellowship, Oct. 98 - Dec. 01, supervision: 50%
- [29] **Radu Stoica**, "Processus ponctuels pour l'extraction de réseaux linéiques dans les images satellitaires et aériennes", INRIA/MAE Fellowship, Oct. 97 - Dec. 00, supervision: 50%
- [30] **Christophe Samson**, "Classification d'images satellitaires par approche variationnelle et équations aux dérivées partielles", MENESR Fellowship, Oct. 97 - Sept. 00, supervision: 30%
- [31] **Anne Lorette**, "Analyse de texture par méthodes markoviennes et par morphologie mathématique : application à l'analyse de zones urbaines sur des images satellitaires", CNES/INRIA Fellowship, Oct. 96 - Sept. 99, supervision: 50%
- [32] **Hassan Shekarforoush**, "Application des champs de Markov à la super-résolution sur des images aériennes et SPOT", MENESR Fellowship, Oct. 93 - Oct. 96, supervision: 70%
- [33] **Sabine Urago-Pagano**, "Application des champs de Markov à la restauration d'image de contours incomplets", MENESR Fellowship, Jan. 92 - Dec. 95, supervision: 70%
- [34] **Zoltan Kato**, "Classification d'image par modèles Markoviens hiérarchiques", MENESR Fellowship, Oct. 91 - Dec. 94, supervision: 70%
- [35] **Frank Mangin**, "Groupement perceptuel par réseau coopératif multi-résolution", Ecole Polytechnique Fellowship, Nov. 89 - Jan. 94, supervision: 60%