Jiaping Wang
Institut Galilée - LAGA
Université Paris XIII
99 avenue J-B Clément
93430 Villetaneuse, France
e-mail : wang@math.univ-paris13.fr

Maître de Conférences, researcher in applied mathematics, LAGA CNRS UMR 7539, University Paris XIII.

Research

Three-dimensional imaging, stochastic methods in image analysis, pattern recognition, statistical learning and diagnosis.

Publications / innovations

- õMethod for determining a three-dimensional representation of an object using a sequence of cross-section images, computer program product, and corresponding method for analyzing an object and imaging systemö, Europe Patent EP2279487 B1 (2013), U.S. Patent US8649598 B2 (2014). Inventor: Jiaping Wang.

- õMethod for determining a three-dimensional representation of an object using points, and corresponding computer program and imaging systemö, Europe Patent EP2279488 B1 (2013), U.S. Patent US8547419 B2 (2013). Inventor: Jiaping Wang.

- õMethod and Device for the Reconstruction of the Shape of an Object from a Sequence of Sectional Images of Said Objectö, Europe Patent EP2212733 (2010). Inventors: Bernard Chalmond, Alain Trouvé, Yong Yu, Jiaping Wang, Olivier Renaud, Spencer Shorte.

Recent research contracts
- Contrat BPI France - Aide à la maturation, « Etude de faisabilité d'un procédé de reconstruction tridimensionnelle de cellules en suspension », 2015.
- Contrat SATT Ile-de-France Innov, «Imagerie 3D/4D de cellules non-adhérentes», 2013.

Other
- Trophées INPI de l'Innovation 2012.
- The 3D cell reconstruction process has been selected to be one of the 40 French innovations presented in the 2015 edition of the book **Creative France** by Business France.