



Research Article

Supervised learning to quantify amyloidosis in whole brains of an alzheimer's disease mouse model acquired with optical projection tomography Author(s)

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Zemax Knowledgebase Article

Resolution of diffraction-limited imaging systems using the point spread function

Author(s) David Nguyen 03/2021



Zemax Community Top Contributor

Currently recognized as the top contributor on the Zemax Community platform.

SHS Prize (2014)

Ecole Polytechnique Federale de Lausanne (EPFL)

 For outstanding contributions and interdisciplinary excellence in humanities and social sciences within a technical and engineering environment.

Doctor of Philosophy (Ph.D.) in Biotechnology & Bioengineering

Ecole Polytechnique Federale de Lausanne (EPFL)

2015 - 2019

• Dissertation: Optical projection tomography for whole organ imaging

Master of Science in Microengineering

Ecole Polytechnique Federale de Lausanne (EPFL) 2012 - 2014

• Specialization: Applied Optics

BSc in Microengineering

Ecole Polytechnique Federale de Lausanne (EPFL) 2009 - 2012

Cours de Mathématiques Spéciales (CMS) - Preparatory Year

Ecole Polytechnique Federale de Lausanne (EPFL) 2008 - 2009

IT Apprenticeship (Certificat Fédéral de Capacité - CFC)

CIFOM-ET

2005 - 2008



French Native or Bilingual Proficiency English Full Professional Proficiency Research Article

Optical projection tomography for rapid whole mouse brain imaging

Author(s)

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OMEGA Student Award (2014)

OMEGA SA

• For excellence in optics research through my Master 's project.

Advisor: Prof. Theo Lasser

Lausanne, Switzerland

Lausanne, Switzerland

Minor: Biomedical Technologies

Lausanne, Switzerland

Lausanne, Switzerland

Le Locle, Switzerland

German Elementary Proficiency Japanese Elementary Proficiency