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Olivier Devillers : Curiculum Vitae

Nom	:	DEVILLERS
Prénom	:	Olivier
Date de naissance	:	9 décembre 1963
Adresse	:	INRIA, Équipe-projet Gamble
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Formation

- Diplômes
  - Admission à l'École Normale Supérieure, promotion 1983.
  - Maîtrise de Mathématiques à l'Université Paris 7, juin 1984.
  - DEA d'Informatique de l'Université Paris 11, septembre 1985.
  - Thèse d'Informatique de l'Université Paris 11, soutenue le 20 juin 1988 [11].
  - Habilitation à diriger des recherches, Université de Nice, soutenue le 23 novembre 1993 [10].
- Emplois
  - Chargé de Recherche INRIA à Sophia Antipolis, de septembre 1989 à 2001.
  - Directeur de recherche (2ème classe) INRIA à Sophia Antipolis, de septembre 2001 à octobre 2014.
  - Chargé d'enseignement à l'École Polytechnique à temps partiel, de 1997 à 2003.
  - Professeur chargé de cours à l'École Polytechnique à temps partiel, de 2003 à 2009.
  - **Directeur de recherche INRIA à Nancy**, depuis novembre 2014
    (DR 1ère classe depuis 2016).

Domaines de recherche

En **géométrie algorithmique** je me suis intéressé notamment aux aspects suivants :
- Algorithmes randomisés
- Algorithmes sur les cercles et sphères
- Planification de trajectoires
- Conception de prédicats robustes
- Méthodes de perturbation symboliques
- Triangulation de Delaunay
- Structures compactes et compression de modèles géométriques
- Algorithmes de localisation
- Analyse probabiliste des structures géométriques

Responsabilités

Membre du conseil d'administration de l'AFIG 1992-1993.
Responsable permanent des projets INRIA PRISME puis GEOMETRICA de 1998 à 2007.
Membre de la commission détachements 2000-2004.

Président du CUMI de 2001 à 2004 (comité des utilisateurs des moyens informatique de l'INRIA Sophia-Antipolis).
Élu au comité de centre 2004-2008.
Membre du conseil scientifique de l'école doctorale STIC de l'université de Nice 2003-2007.
Chargé de mission INRIA *Géométrie et réseaux*, 2007 [233].
Élu au conseil du pole scientifique AM2I de l'Université de Lorraine de 2017-2022. **Responsable de l'équipe projet** GAMBLE **créée le 1 janvier 2017.**

Collaborations, financements

J'ai été responsable pour le projet PRISME des collaborations (financées) suivantes :
PAI avec l'Autriche (U. de Graz) [1995-1996],
ARC INRIA Fiable [1998-199],
PAI avec l'Espagne (U. de Catalogne) [2000-2001],
ARC INRIA Visi3D [2000-2001] http://members.loria.fr/SLazard/ARC-Visi3D/,
ARC INRIA Costic [2000-2001].

Puis pour le projet GEOMETRICA de
l'ARC INRIA Telegeo [2002-2003] http://www-sop.inria.fr/prisme/telegeo/,
l'ACI Masse de données GEOCOMP [2004-2007] http://www.lix.polytechnique.fr/Labo/Gilles.Schaeffer/GeoComp/,
PAI avec l'Autriche (U. de Graz) [2007-2008],
le projet ANR TRIANGLES (responsable du projet) [2008-2011] http://www-sop.inria.fr/geometrica/collaborations/triangles/,
le projet ANR PRESAGE [2011-2015] https://members.loria.fr/GMoroz/ANR-Presage/,
projet FACEPE avec l'université de Pernambuco [2013-3014].

Puis pour le projet VEGAS
du projet ANR PRESAGE [2011-2015] https://members.loria.fr/GMoroz/ANR-Presage/.

Puis pour le projet GAMBLE
du projet ANR ASPAG (responsable du projet) [2018-2022] https://members.loria.fr/Olivier.Devillers/aspag/,
de l'équipe associée inria TRIP avec l'université Carleton [2018-2020] https://members.loria.fr/Olivier.Devillers/trip/.

En matière industrielle j'ai participé à des collaborations (financées) avec :
Dassault-Systèmes (1999, contrat commercialisation, hiérarchie de Delaunay),
Kreon (1999, contrat commercialisation, hiérarchie Delaunay),
EDF (2000-2001, contrat de recherche, robustesse des prédicats géométriques),
Benomad (2003, convention de recherche, compression de données géographiques),
Seemage (2004, convention de recherche, raffinement de maillage),
France-Telecom (2006-2008, contrat de recherche, approximation de diagramme de Voronoï pour des métriques ad hoc). Par ailleurs je suis auteur de parties de CGAL qui fait l'objet d'un contrat avec GEOMETRY FACTORY (Dans ce cadre, GF reverse des royalties à l'INRIA).

D'une manière plus informelle, j'ai cosigné des travaux avec plus d'une centaine de coauteurs différents. En particulier, j'ai participé à un certain nombre *workshops* d'où sont sortis de nombreux articles : Bonifaccio-1999 [132]Barbados-2003 [146, 49, 153, 145, 50, 56],Oleron-2004 [48, 141], Girona-2006 [36, 128], Barbados-2006 [136, 37, 137, 44], Ouessant-2006 [133, 45], Barbados-2010 [112, 118], Barbados-2011 [32, 117, 34] Presage-2012 [114, 31], Barbados-2013 [30, 113], Presage-2013 [311], Barbados-2016 [22, 111], Barbados-2017 [209, 201].

Et j'ai effectué plusieurs séjours courts (quelques semaines) à l'étranger (Sarrebruck [98, 297], Utrecht [82, 86], Brown University [70, 59, 83, 160, 84, 78], Mc Gill University, ACMAC (Heraklion) [216], Université de Pernambuco.

Enseignement

• École Polytechnique : Chef de travaux pratiques puis chargé d'enseignement (1997-2003)
Professeur chargé de cours (de 2003 à 2009)

- 1997-98 TD de programmation débutants (2ème année) en C (13 TD x 2 groupes x 2h=52h). Projet de programmation de fin d'année.
- 1998-99 TD de géométrie algorithmique (3ème année) avec Bernard Chazelle. Correction de l'examen de 2ème année (120 copies) Projet de programmation de fin d'année.
- 1999-00 TD de programmation débutants (2ème année) en C, 52h. TD Initiation débutants (1ère année) en java, 20h. Projet de programmation de fin d'année.
- 2000-01 Cours/TD Géométrie et synthèse d'images (3ème année) 14h. TD de programmation (2ème année) en java, 40h. Projet de programmation de fin d'année.
- 2001-02 Cours/TD Géométrie et synthèse d'images (3ème année) 18h. Correction de l'examen ≪ 1B ≫ de 2ème année (100 copies) TD Initiation débutants (1ère année) en java, 40h. Projet de programmation de fin d'année.
- 2002-03 Cours/TD Géométrie et synthèse d'images (3ème année) 18h. Rédaction et correction de l'examen ≪ 1B ≫ de 2ème année (120 copies) Correction de l'examen ≪ IF ≫ de 2ème année (80 copies) Projet de programmation de fin d'année.
- 2003-04 Cours/TD Géométrie et synthèse d'images (3ème année) 20h. Rédaction et correction de l'examen ≪ 1B ≫ de 2ème année (120 copies) PC Informatique fondamentale (2ème année), 44h. Participation à la rédaction du sujet du concours d'entrée.
- 2004-05 Cours/TD Géométrie algorithmique (3ème année) 36h. Rédaction et correction de l'examen ≪ 1B ≫ de 2ème année (120 copies) Coordination des projets de programmation de fin d'année.
- 2005-06 Cours/TD Géométrie algorithmique (3ème année) 36h. Rédaction et correction de l'examen ≪ 1B ≫ de 2ème année (110 copies) Coordination des projets de programmation de fin d'année.
- 2006-07 Cours/TD Géométrie algorithmique (3ème année) 36h. Rédaction et correction de l'examen ≪ 421A ≫ de 2ème année (75 copies) Coordination des projets de programmation de fin d'année.
- 2007-08 Cours/TD Géométrie algorithmique (3ème année) 36h. Rédaction et correction de l'examen ≪ 421A ≫ de 2ème année (117 copies). Rédaction et correction de l'examen ≪ 431 ≫ de 2ème année (170 copies)
- 2008-09 Cours/TD Géométrie algorithmique (3ème année) 36h. Rédaction et correction de l'examen ≪ 421A ≫ de 2ème année (140 copies)

• Maîtrise d'informatique (Nice) (2000-2008).

- 2000-03 Cours/TD Géométrie algorithmique 8h/an.
- 2003-08 Cours/TD Géométrie algorithmique 12h/an.

• DEA :

DEA d'informatique d'Orsay (2h en 1986 et 1987 et 10h en 1993),
DEA Math-Info à Nice (4h en 1990),
DEA Robotique et Vision à Nice (1990-1995, 15h/an),
DEA ARAVIS à Nice (1995-2000 15h/an),
DEA SIC à Nice (2000-2004, 15h/an) (responsable du DEA en 2003-2004)

• Écoles d'ingénieurs :

ENST (1987-1991, 6h/an),
CNAM (1988-1989, 30h),
INT (1989 30h),
ENSTA (1992-1993),
ISIA (2002-2005 10h/an),
ESSI (2002-2004 12h/an).
ENPC (2005 2h/an)

• Master STIC de l'Université de Nice de 2004 à 2008 :

- Responsable de la spécialité recherche « Image et géométrie pour le multimédia et la modélisation du vivant ».
- Enseignement 15h M2 : « De la géométrie algorithmique au calcul géométrique » commun à IGMMV et ISI.
- Enseignement 12h M1 : « géométrie algorithmique ».

• Master IFI de l'Université de Nice de 2008 à 2013 :

- Enseignement M2 : « Algorithmes géométriques, théorie et pratique » (commun IFI-VIM et SI5). 24 h en 2008-2009, 16h de 2009-2010 à 2012-2013.
- Enseignement M1 : « Géométrie algorithmique » (12h jusqu'en 2011-2012, 24h en 2012-2013).

• Cours, Université de Pernambuco, Brésil. :

- *Delaunay triangulation and randomization,* 6h en 2013

• Master IPAC-R de l'Université de Lorraine, 2014-2018 :

- Enseignement M2 : « Synthèse, image et géométrie » 12 h/an. https://members.loria.fr/Olivier.Devillers/master/index-2017-18.html

• Master Informatique de l'ENS Lyon, 2017-2019 :

- Enseignement M2 : « Géométrie algorithmique » 12 h/an. https://members.loria.fr/Olivier.Devillers/Master2-ENS-Lyon/

• Master AVR de l'Université de Lorraine, 2018-2022 :

- Enseignement M2 : « Modèles d'environnements, planification de trajectoires » 18 h/an. https://members.loria.fr/Olivier.Devillers/master/

Encadrement

• Encadrement d'une quinzaine de stagiaires (DEA, magistère, ingénieurs...).

- 1990 Chang-Sheng Zhao, Arrangement de cercles (DEA).
- 1990 Serge Vaudenay, Diagramme de Voronoï de segments (Magistère).
- 1991 Leonbattista Donati, Planification de trajectoires pour robots à pattes (DEA) [92].
- 1992 Patrick Henry, Programmation d'un algorithme de localisation dynamique dans le plan (Ingénieur ESSI).
- 1992 Sylvain Lazard, Du robot araignée au robot hemi-discoïdal (DEA) [179, 75, 92].
- 1993 Pascal Desnoguès, Des robots et des étoiles (DEA).
- 1997 Pierre Alliez, Métriques non euclidiennes dans CGAL (DEA) [74]
- 1998 Pierre-Marie Gandoin, Arrondi de diagramme de Voronoï (DEA) [74].
- 2000 Philippe Guigue, Analyse randomisée des algorithmes en ligne dépendant de l'ordre d'insertion (DEA) [72].
- 2001 Philippe de Montalembert, Compression d'images et triangulations (Ingénieur X).
- 2002 Mario Trentini, Transmission progressive de modèles triangulés sur le réseau, (Ingénieur X) [148].
- 2003 Luca Castelli-Aleardi, Canonical triangulation of a graph, with coding application (DEA) [251].
- 2004 Abdelkrim Mebarki, Placement de lignes de courant (DEA) [242].
- 2004 Jérome Gahide, Compression et carte graphique (Ingénieur ESSI).
- 2009 Laurent Caraffa, Optimisation de l'enveloppe convexe 3D dans CGAL (M1).
- 2015 François Collet, gestion des cas dégénérés dans la triangulation de Delaunay : minimisons les angles (M2).
- 2016 Louis Noizet, Longueurs des racourcis dans le chemin de Voronoï [20] (L3-ENS).
- 2017 Guillermo Reyes, Suppression dans la triangulation de Delaunay 3D (M2).

• Chercheurs doctorants :

— Pascal Desnoguès, 1993-1996
Financement : allocation ministère de la recherche.

Triangulations et approximation de surfaces [9, 175].
P. Desnoguès a ensuite été ingénieur chez NetGem
(précurseur dans la commercialisation de "Box" TV-internet).

— Pierre-Marie Gandoin, 1998-2001
Financement : allocation ministère de la recherche.
Compression de structures géométriques [8, 67, 57].
Accessit du prix de thèse Specif 2001.
P.-M. Gandoin est maître de conférence à l'Université de Lyon 2
http://liris.cnrs.fr/membres?idn=pmgandoi.

— Philippe Guigue, 2000-2003
Financement : allocation ministère de la recherche.
Constructions géométriques à précision fixée [7, 58, 52].
P. Guigue est ingénieur en modélisation 3D (Pace Aerospace, Berlin).
http://home.arcor.de/philippe.guigue/cv_index.html.

— Luca Castelli Aleardi, 2003-2006
Co-encadré avec Gilles Schaeffer.
Représentation compactes de structures de données géométriques [6, 140, 138, 142, 47].
L. Castelli est maître de conférence à l'École Polytechnique
http://www.lix.polytechnique.fr/~amturing/.

— Abdelkrim Mebarki, 2004-2008
Financement : allocation école doctorale STIC (Univ. Nice Sophia Antipolis).
Structure de données compactes pour la programmation des structures géométriques [5, 42].
A. Mebarki est maître de conférence à l'Université d'Oran.
http://amebarki.visiondz.info/.

— Pedro Machado Manhães de Castro, 2007-2010
Financement : région PACA et ANR Triangles.
Méthodes pour accélérer les triangulations de Delaunay [4, 122, 127, 35, 131, 46, 40].
P. de Castro est professeur associé à l'Université de Pernambuco.
http://www.cin.ufpe.br/~pmmc/.

— Ross Hemsley, 2011-2014
Financement : CORDI (INRIA).
Probabilistic methods for the analysis of algorithms on random tessellations [3, 309, 114].
R. Hemsley est ingénieur chez Citymapper.
https://www.ross.click/.

— Rémy Thomasse, 2012-2015
Financement : région PACA et ANR Présage.
Complexity analysis of random convex hulls [2, 29, 311, 312, 112].
R. Thomasse est ingénieur chez Dassault Systèmes.
https://www.linkedin.com/in/r%C3%A9my-thomasse-b30ab3ba.

— Charles Duménil, 2016-2022
Financement : Allocation de l'école doctorale AIEM (Univ. Lorraine).
Probabilistic analysis of geometric structuresExpected Size of the 3-Dimensional Delaunay Triangulation of Random Points on a Surface [1, 104, 108, 206].
C. Duménil est enseignant dans le secondaire.

• Chercheurs post-doctorants :

— Alexandra Fronville, 1998-1999
Prédicats pour arrangements d'arcs de cercles. [71].
A. Fronville est maître de conférence à l'Université de Bretagne occidentale.
http://alexfronville.canalblog.com/.

— Laurent Rineau, 2006-2007

Approximation d'un diagramme de Voronoï par raffinement d'une triangulation de Delaunay. Application à l'approximation géométrique de réseaux cellulaires.
L. Rineau est ingénieur chez GEOMETRY FACTORY (la start-up qui commercialise CGAL). http://geometryfactory.com/.

— Laurent Veysseire, 2014-2015
Smoothed analysis of 4D convex hull from the moment curve.

— Jiwon Park, 2019-2021
Financement : ANR Aspag et Inria.
Covering families of triangles [15]

Jurys de thèses et HDR

— Khanh Vophi, Grenoble, 1994, directeur : B. Lacolle.
— Pascal Desnoguès, Nice, 1996, directeur : O. D.
— Sylvain Lazard, Paris 6, 1996, directeur : J.-D. Boissonnat.
— Christophe Lemaire, Saint-Etienne, 1997, directeur : J.-M. Moreau.
— Seela Veerbhadeswara Rao, Inde, 1999, directeur : A. Mukhopadhyay.
— Pierre-Marie Gandoin, Nice, 2001, directeur : O. D.
— Belén Palop, Barcelone, 2003, directeur : F. Hurtado.
— Philippe Guigue, Nice, 2003, directeur : O. D.
— François Cayre, ENST, 2003, directeur : F. Schmitt.
— Narcis Coll, Barcelone, 2004, directeur : F. Hurtado.
— Geoffroy Lauvaux, Reims, 2005, directeur : Y. Gardan.
— Ali Asghar Khanban, Londres, 2005, directeur : A. Edalat.
— Gilles Schaeffer, Bordeaux, 2005 (HDR).
— Thomas Lewiner, Paris 6, 2005, directeur : J.-D. Boissonnat.
— Arnaud Gelas, Lyon, 2006, directeur : R. Prost.
— Luca Castelli Aleardi, X, 2006, directeur : O. D. & G. Schaeffer.
— David Coeurjolly, Lyon, 2007 (HDR).
— Abdelkrim Mebarki, Nice, 2008, directeur : O. D.
— Clément Jamin, Lyon, 2009, directeurs : S. Akouche & P.-M. Gandoin.
— Julien Dardenne, Lyon, 2009, directeurs : R. Prost & N. Burais.
— Tristan Roussillon, Lyon, 2009, directrices : L. Tougne & I. Sivignon.
— Pedro Machado Manhães de Castro, Nice, 2010, directeur : O. D.
— Guillaume Batog, Nancy, 2011, directeurs : S.Petitjean & X. Goaoc.
— Daniela Maftuleac, Marseille, 2012, directeur : V. Chepoi.
— Nicolas Bonichon, Bordeaux, 2013 (HDR).
— Ross Hemsley, Nice, 2014, directeur : O. D.
— Rémy Thomasse, Nice, 2015, directeur : O. D.
— Vincent Despré, Grenoble, 2016, directeur : F. Lazarus,
— Tuong-Bach Nguyen, Grenoble, 2018, directrices : D. Attali et I. Sivignon

Orateur invité

Conférencier invité dans des conférences internationales :
— 6th Discrete Geometry for Computer Imagery, 1996, Lyon [172].
— 28th European Workshop on Computational Geometry, 2012, Assise [120].

Responsabilité éditoriales

Éditeur de "Graphical Models", 2010-2016.
Éditeur du numéro spécial de DCG consacré à SOCG'14 [13].
Éditeur du numéro spécial de JoCG consacré à SOCG'14 [12].

Comités de programmes de
— 7th Canadian Conference on Computational Geometry 1995,
— 12th **Symposium on Computational Geometry** 1996,
— 10th European Symposium on Algorithms 2002,
— 19th **Symposium on Computational Geometry** 2003,
— Web3D 2003
— 14th Discrete Geometry and Computer Imagery 2008,
— 13th ACM Symposium on Solid and Physical Modeling 2008,
— 27th **Symposium on Computational Geometry** 2010,
— 16th Discrete Geometry and Computer Imagery 2011 (review committee),
— 17th Discrete Geometry and Computer Imagery 2013 (review committee),
— 31th **Symposium on Computational Geometry** 2014 **(co-chair)** [14],
— Workshops of the Computational Geometry Week 2015,
— Workshops of the Computational Geometry Week 2019 **(chair)**,
— European Workshop of the Computational Geometry 2020.

Organisation de conférences

— Organisation des journées de géométrie algorithmique : 1990 (Sophia-Antipolis), 1992 (Valberg), 1993 (Saint-Pierre), 1994 (Val d'Ajol), 1995 (Saint Malo) et 1996 (Le Bessat).
— Organisation des journées informatique et géométrie, 2007 (Sophia-Antipolis).
http://www-sop.inria.fr/geometrica/events/jig2007/.
— Organisation du "OrbiCG/Triangles Workshop on Computational Geometry", 2010 (Sophia-Antipolis).
http://www-sop.inria.fr/geometrica/collaborations/triangles/Workshop/.
— Organisation du " Workshop on Geometric Computing", 2013 (Heraklion, Grèce).
http://www.acmac.uoc.gr/GC2013/.
— Organisation du "Présage workshop on Computational Geometry and probability", 2013 (Valberg).
https://members.loria.fr/GMoroz/ANR-Presage/fr/reunions.html.
— **Membre du comité d'organisation de ALGO 2013**
(ESA,WABI, IPEC, MASSIVE, ALGOSENSORS, ATMOS, WAOA). http://algo2013.inria.fr/.
— Organisation du "Workshop on Stochastic Geometry and Random Generation" dans le cadre de CG-Week 2015 (Heindoven). https://members.loria.fr/Olivier.Devillers/wocg15/.
— Organisation du "Mini-workshop on Routing in Triangulations", 2019 (Nancy) https://members.loria.fr/Olivier.Devillers/trip/workshop.html.

Animation de la communauté de géométrie algorithmique

— Lettre d'information de la géométrie algorithmique : $\mathcal{GEDEON}$, 34 numéros de 1991 à 2001 [315].

Publications

La politique habituelle de signature en informatique théorique est l'ordre alphabétique. C'est le cas dans la plupart de mes publications avec quelques exceptions pour quelques articles publiés dans des conférences ou journaux relevant plus du domaine de l'informatique graphique.

Il est également d'usage en informatique théorique de publier un *extended abstract* dans une conférence puis une version avec les démonstrations complètes dans un journal.

Les journaux spécialisés en géometrie algorithmique sont *DCG*, *JoCG*, *CGTA* et *IJCGA*. Parmi ceux ci, *DCG* et *JoCG* ne publient que des articles de premier plan.

Articles de journaux 87 (*DCG* 10, *JoCG* 9, *IJCGA* 17, *CGTA* 15, *Algorithmica* 4, *SIAM Journal on Computing* 3, *TCS* 3, *ACM TOG (Siggraph)* 3, *Advances in Applied Probability* 1, *Electronic Communications in Probability* 1,...)

Pour les conférences, *SoCG* est la référence du domaine alors que *CCCG* est peu sélective. Les autres conférences relèvent de l'informatique théorique en général ou de domaines d'applications.

Conferences 92 (*SoCG* 20, *CCCG* 20, *SODA* 5, *ESA* 6, *Graph drawing* 3, *IEEE-Robotics* 2, *IEEE-Visualization* 2, *DGCI* 2, *CORESA* 2, *WADS* 3, *ISAAC* 3, *ALENEX* 2, *Meshing Roundtable* 1,...)

Thèses, thèses encadrées

2022 [1] C. Duménil. – *Expected Size of the 3-Dimensional Delaunay Triangulation of Random Points on a Surface*. – Theses, Université de Lorraine, 2022. – hal:tel-03695908.

2015 [2] R. Thomasse. – *Complexity analysis of random convex hulls*. – Thèse, Université Nice Sophia Antipolis, 2015. – hal:tel-01252937.

2014 [3] R. Hemsley. – *Probabilistic methods for the analysis of algorithms on random tessellations*. – Thèse, Université de Nice - Sophia Antipolis, 2014. – hal:tel-01099165.

2010 [4] M. M. De Castro, Pedro. – *Practical ways to accelerate Delaunay triangulations*. – Thèse, Université Nice Sophia Antipolis, 2010. – hal:tel-00531765.

2008 [5] A. Mebarki. – *Implementation of compact data structures for triangulations.*. – Thèse, Université Nice Sophia Antipolis, 2008. – hal:tel-00336178.

2006 [6] L. Castelli Aleardi. – *Compact representations of geometric data structures*. – Thèse, École Polytechnique X, 2006. – hal:tel-00336188.

2003 [7] P. Guigue. – *Geometric constructions with fixed precision*. – Thèse, Université Nice Sophia Antipolis, 2003. – hal:tel-00471447.

2001 [8] P.-M. Gandoin. – *Progressive and lossless geometric compression*. – Thèse, Université Nice Sophia Antipolis, 2001. – hal:tel-00771344.

1996 [9] P. Desnogues. – *Triangulations and quadrics*. – Thèse, Université Nice Sophia Antipolis, 1996. – hal:tel-00771335.

1993 [10] O. Devillers. – *Randomization, spheres, and robot motion planning*. – Habilitation à diriger des recherches, Université Nice Sophia Antipolis, 1993. – hal:tel-00338329.

1988 [11] O. Devillers. – *Optimizing ray-tracing*. – Theses, Université Paris Sud - Paris XI, 1988. – hal:tel-00772857.

Proceedings édités, numéros spéciaux de journaux

2015 [12] S. W. Cheng, O. Devillers. – *Journal of Computational Geometry ; Special issue of Selected Papers from SoCG 2014*, *6*, 2. Computational Geometry Lab, Carleton University, 2015. – hal:hal-01154065.

[13] S. W. Cheng, O. Devillers. – *Discrete and Computational Geometry ; Special Issue : 30th Annual Symposium on Computational Geometry*, *53*, 3. springer, 2015. – hal:hal-01154063.

2014 [14] S. W. Cheng, O. Devillers. – *Proceedings of the 30th Annual Symposium on Computational Geometry*. ACM, 2014. – hal:hal-01018682.

Articles de revues internationales

2022

[15] O. Cheong, O. Devillers, J.-W. Park, M. Glisse. – «Covering families of triangles». – *Periodica Mathematica Hungarica* (2022). – hal:hal-03662311.

2020

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