

# Duc Viet Vu

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## 1 Employment

01.04.2021-: Professor W<sub>2</sub> with tenure-track to W<sub>3</sub>, Department of Mathematics and Computer Science, University of Cologne.

2018- 2021 : Postdoc, Department of Mathematics and Computer Science, University of Cologne, Germany (*Fellowship of Alexander von Humboldt foundation*).

2017-2018: Research fellow, Korea Institute for Advanced Study (KIAS), Seoul.

2016-2017: Teaching and research assistant (ATER), Université Pierre et Marie Curie, Paris.

2010-2012: Teaching assistant, Hanoi National University of Education, Hanoi.

## 2 Education

Ph.D., Mathematics, 2013-2017, Université Pierre et Marie Curie, Paris (*Fellowship DIM of Region Il-de-France*)  
under the supervision of Tien-Cuong Dinh  
PhD thesis: *Pluripotential theory and equidistribution problems*.

M.S., Pure Mathematics, 2013, Université Pierre et Marie Curie, Paris (*Master scholarship of Fondation Sciences Mathématiques de Paris*)  
under the supervision of Tien-Cuong Dinh  
Master thesis: *Entropy and eigenfunctions*.

B.S., Mathematics, 2010, Hanoi National University of Education, Hanoi, Vietnam.

## 3 Research grants

- PI of the DFG project "*Intersection of closed positive currents*" (2022-2025).
- Member of the ANR-DFG project QuaSiDy "*Quantization, singularity and holomorphic dynamics*" (2022-2025).
- Associated member in *the SFB project (CRC/TRR 191) "Symplectic Structures in Geometry, Algebra and Dynamics"* (2021-2025).
- *New perspectives in complex geometry and dynamics* (03.2019-12.2019) funded by Université de Lille together with Fabrizio Bianchi, Viet-Anh Nguyễn (Lille) and George Marinescu (Cologne).
- *Pluripotential theory and applications* (08.2017-08.2018) at KIAS.
- *Postdoctoral fellowship* of the Alexander von Humboldt foundation (05.2018-04.2021).

## 4 Administration

07.2024-: Coordinator of the graduate school of the Department of Mathematics and Computer Science, University of Cologne.

10.2024-: The first examiner of the Mathematics entrance exam of the University of Cologne for students without high school graduate exam (Abitur) (Erstprüfer für die Zugangsprüfung für Berufliche Qualifizierte).

## 5 Distinction

- Invited professor, CEMPI Labex, University of Lille, 10.2021, 07.2025.
- Invited professor, Institut Denis Poisson, University of Orléans, 03.2025.

## 6 Miscellaneous

Member of the German mathematical Society (Deutsche Mathematiker-Vereinigung) since 01.01.2022.

Referee for Crelle's journal, Journal of Differential Geometry, Geometry & Topology, Indiana J. Math, Math. Z, Proc. London. Math. Soc., etc.

Review for Zentralblatt MATH and MathSciNet.