

Chen GONG

PHD STUDENT, CMLS, ECOLE POLYTECHNIQUE

EDUCATION	<p>Wuhan University, Wuhan, China <i>B.S in Mathematics</i> <i>September 2016 - June 2020</i></p> <p>Universté de Franche-Comté, Besançon, France <i>Master 1 in Mathematics</i> <i>September 2019 - June 2020</i></p> <p>Université de Paris-Saclay, Orsay, France <i>Master 2 in Mathematics</i> <i>September 2020 - August 2021</i></p> <p>Ecole Polytechnique, Palaiseau, France <i>Phd student, under the supervision of Charles Favre</i> <i>September 2021 - September 2025</i></p>
EMPLOYMENT	<p>Ecole Polytechnique, Palaiseau, France <i>Postdoc</i> <i>September 2025</i></p> <p>Westlake University, Hangzhou, China <i>Postdoc</i> <i>October 2025 -</i></p>
PREPRINTS	<p><i>Non-Archimedean techniques and dynamical degenerations</i>(Joint work with Charles Favre), submitted, arxiv: 2406.15892</p>
TEACHING	<p>Teaching assistant of MAA102-Introduction to analysis at École Polytechnique. <i>2020 - 2024</i></p>
TALKS	<p><i>Non-Archimedean techniques and dynamical degenerations</i>, Institute for Advanced Study in Mathematics of HIT, Harbin, China <i>August 2024</i></p> <p><i>Non-Archimedean techniques and dynamical degenerations</i> , Westlake University, Hangzhou, China <i>August 2024</i></p> <p><i>Convergence of metrics of constant curvature in the hybrid space</i>, Institut Henri Poincaré, Paris, France <i>September 2024</i></p> <p><i>Dégénérescences d'une suit de fractions rationnelles</i>, Laboratoire Paul Painlevé, Lille, France <i>November 2024</i></p> <p><i>Multiplicateurs et rescaling limites</i>, IMJ, Paris, France, <i>December 2024</i></p> <p><i>Non Archimedean techniques in the study of degenerating sequences</i>, Cirm, Marseille, France <i>January 2025</i></p> <p><i>Multiplicateurs d'une suite de fractions rationnelles</i>, IMT, Toulouse, France <i>Septembre 2025</i></p>
CONFERENCES AND WORKSHOPS	<p><i>Quantitative aspects in complex analysis, geometry and dynamics</i>, Laboratoire Paul Painlevé, Lille, France <i>October 2021</i></p> <p><i>Complex Dynamics: from special families to natural generalizations in one and several variables</i>, MSRI, USA <i>Mai 2022</i></p> <p><i>Journées ANR Fatou</i>, Institut Denis Poisson, Orléans, France <i>June 2022</i></p> <p><i>Complex Geometry, Dynamical Systems and Foliation Theory Géométrie complexe, systèmes dynamiques et théorie de feuilletages</i>, CIRM, Marseille, France <i>October 2022</i></p> <p><i>Conference on Complex Analysis, Complex Geometry and Dynamics, in memory of Sibony</i>, IMO, Orsay, France <i>November 2022</i></p> <p><i>ANR Padawan Project first meeting</i>, Institut Denis Poisson, Orléans, France <i>January 2023</i></p>

Groupe de travail Dynamique Arithmétique, IMJ, Paris, France	January 2023 - April 2023
Topics in Complex Dynamics 2023, Universitat de Barcelona, Barcelona, Spain	June 2023
Facets of Complex Dynamics, IMT, Toulouse, France	June 2023
ERC GOAT Dynamique, IRMAR, Rennes, France	November, 2023
Workshop SINTROP, CMLS, Palaiseau, France,	March 2024
Centro di Ricerca Matematica Ennio De Giorgi, Pise, Italie	May 2024
Complex Dynamics and Complex Geometry, Laboratoire Amiénois de Mathématique Fondamen- tale et Appliquée, Amiens, France	June 2024
Seminar in Arithmetic and Algebraic Dynamics, IMJ, Paris, France,	2023 - 2024
Etats de la recherche: Dynamique arithmétique, algébrique, et analytique, CIRM, Marseille, France	January 2025
Tangent to the Identity Germs and Affine Surfaces, Institut de Mathématiques de Toulouse, Toulouse, France	January 2025
Arithmetic Geometry in Cabourg, Cabourg, Normandy, France	May 2025
Degeneration of flat surfaces and rational maps, Institut de Mathématiques de Toulouse, Toulouse, France	June 2025