



■ Réalisation : DCOM ■



COMPLEX DYNAMICS AND COMPLEX GEOMETRY

JUNE 17TH-21ST, 2024

UFR DES SCIENCES
33 RUE SAINT-LEU • 80000 AMIENS
Lieu des exposés - amphi Lavoisier

PROGRAMME

Speakers:

Magnus ASPENBERG · Lund
François BACHER · Lille
François BERTELOOT · Toulouse
Fabrizio BIANCHI · Pise
Séverine BIARD · Valenciennes
Judith BRINKSCHULTE · Leipzig

Mats BYLUND · Saclay
Neil DOBBS · Dublin
Daniel GREB · Essen
Hendrik HERMANN · Wuppertal
Lucas KAUFMANN · Orléans
Thomas KURBACH · Wuppertal

Xiaonan MA · Paris Cité
George MARINESCU · Cologne
Christian MIEBACH · Calais
Viet-Anh NGUYEN · Lille
Nikhil SAVALÉ · Cologne
Trung Tuyen TRUONG · Oslo

Johan TAFLIN · Dijon
Virgile TAPIERO · Orléans
Marius URBANSKI · North Texas
Anna ZDUNIK · Varsovie

Organizers:

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MONDAY, JUNE 17TH

09:00 • 09:30 Welcome to the participants

09:30 • 10:20 **George Marinescu** (Cologne):
TIAN'S APPROXIMATION THEOREM FOR MOISHEZON SPACES

10:20 • 10:40 Coffee break 

10:40 • 11:30 **Judith Brinkschulte** (Leipzig):
STABLE EMBEDDINGS FOR Q-PSEUDOCONCAVE CR MANIFOLDS

11:40 • 12:30 **Johan Taflin** (Dijon):
BLENDERS, INDEPENDENCE OF MULTIPLIERS AND SPARSITY OF PCF MAPS

Lunch 

14:15 • 15:05 **Hendrik Hermann** (Wuppertal):
EQUIDISTRIBUTION FOR ZEROS OF RANDOM CR FUNCTIONS

15:05 • 15:30 Coffee break 

15:30 • 16:20 **Thomas Kurbach** (Wuppertal):
RELATIVE RIEMANN-HILBERT AND NEWLANDER-NIRENBERG THEOREMS
FOR MAXIMAL AND HOMOGENEOUS ANALYTIC VARIETIES

TUESDAY, JUNE 18TH

09:30 • 10:20 **Neil Dobbs** (Dublin):
HAUSDORFF DIMENSION OF QUADRATIC JULIA SETS

10:20 • 10:40 Coffee break 

10:40 • 11:30 **Marius Urbanski** (North Texas) :
HYPERBOLIC DIMENSION GAPS FOR ENTIRE FUNCTIONS

11:40 • 12:30 **Anna Zdunik** (Varsovie):
INDECOMPOSABLE CONTINUA IN THE DYNAMICS OF TRANSCENDENTAL
MAPS; HAUSDORFF AND PACKING DIMENSIONS

Lunch 

14:15 • 15:05 **Magnus Aspenberg** (Lund) :
COLLET-ECKMANN MAPS IN THE UNICRITICAL FAMILY

15:05 • 15:30 Coffee break 

15:30 • 16:20 **Mats Bylund** (Saclay): TBA (TO BE ANNOUNCED)

16:40 • 17:30 **Trung Tuyen Truong** (Oslo):
THE RIEMANN HYPOTHESIS AND DYNAMICS OF A ROOT FINDING METHOD

WEDNESDAY, JUNE 19TH

09:30 • 10:20 **François Bacher** (Lille):
HYPERBOLIC ENTROPY FOR HARMONIC MEASURES ON SINGULAR
HOLOMORPHIC FOLIATIONS

10:20 • 10:40 Coffee break 

10:40 • 11:30 **François Berteloot** (Toulouse) : TBA (TO BE ANNOUNCED)

11:40 • 12:30 **Fabrizio Bianchi** (Pise):
HORN MAPS OF SEMI-PARABOLIC HÉNON MAPS

Lunch 

Free discussion in the afternoon.

THURSDAY, JUNE 20TH

09:30 • 10:20 **Virgile Tapiero** (Orléans) :
INVARIANT FOLIATIONS FOR MAPPINGS
WITH A PLURIPOTENTIALIST PRODUCT STRUCTURE ON $CP(2)$

10:20 • 10:40 Coffee break 

10:40 • 11:30 **Lucas Kaufmann** (Orléans):
LOCALIZATION OF CHARACTERISTIC FORMS OF COHERENT SHEAVES
AND HOLOMORPHIC FOLIATIONS

11:40 • 12:30 **Nikhil Savale** (Cologne):
KÄHLER-EINSTEIN BERGMAN METRICS ON PSEUDOCONVEX DOMAINS
OF DIMENSION TWO

Lunch 

14:15 • 15:05 **Christian Miebach** (Calais):
QUOTIENTS OF BOUNDED HOMOGENEOUS DOMAINS
BY UNIPOTENT DISCRETE GROUPS

15:05 • 15:30 Coffee break 

15:30 • 16:20 **Xiaonan Ma** (Paris Cité): SUPERCONNECTION AND FAMILY OF BERGMAN
KERNELS

19:00 Conference Dinner

FRIDAY, JUNE 21ST

09:30 • 10:20 **Séverine Biard** (Valenciennes):
ON THE COMPLEMENT OF LEVI-FLAT HYPERSURFACES
IN COMPLEX MANIFOLDS

10:20 • 10:40 Coffee break 

10:40 • 11:30 **Daniel Greb** (Essen): VARIETIES HOMEOMORPHIC TO PROJECTIVE SPACES

11:40 • 12:30 **Viet-Anh Nguyen** (Lille):
SINGULAR HOLOMORPHIC FOLIATIONS BY CURVES:
ZERO LELONG NUMBERS

Lunch 