



CENTRE
HENRI LEBESGUE
 CENTRE DE MATHÉMATIQUES

CLASSICAL AND P-ADIC HODGE THEORIES

SPRING SCHOOL

FIRST WEEK

COMPLEX ASPECTS

- HODGE STRUCTURES - DAMIEN MÉGY - UNIVERSITY OF NANCY
- COMPLEX MANIFOLDS IN FAMILY - JAN NAGEL - UNIVERSITY OF BOURGOGNE
- TORELLI THEOREM FOR CURVES AND K3 SURFACES - CHRIS PETERS - UNIVERSITY OF GRENoble

P-ADIC ASPECTS

- P-ADIC COHOMOLOGIES - PIERRE BERTHELOT - UNIVERSITY OF RENNES 1
- P-ADIC COMPARISON THEOREMS: STATEMENTS - LAURENT BERGER - ÉNS DE LYON
- P-ADIC COMPARISON THEOREMS: PROOF IN FONTAINE SETTING - MESSING - FARD MOKRANE - UNIVERSITY PARIS 8

SECOND WEEK

COMPLEX ASPECTS

- THE WORK OF SCHMID - PHILIPPE EYSSIDIEUX - UNIVERSITY OF GRENoble
- DECOMPOSITION THEOREM FOR DIRECT IMAGES - LUCA MIGLIORINI - UNIVERSITY OF BOLOGNA
- HYPERBOLICITY OF MODULI SPACES - STEFAN KEBEKUS - UNIVERSITY OF FREIBURG

P-ADIC ASPECTS

- FILTERED (Φ, N) -MODULES - OLIVIER BRINON - UNIVERSITY OF BORDEAUX
- RAMIFICATION OF CRYSTALLINE REPRESENTATIONS OF PROJECTIVE VARIETIES OVER THE RATIONALS WITH GOOD REDUCTION - VIKTOR ABRASHKIN - UNIVERSITY OF DURHAM

MAY 12-23 2014
RENNES

SCIENTIFIC AND ORGANISATION BOARD

XAVIER CARUSO
 FRANÇOIS CHARLES

MICHEL GROS
 CHRISTOPHE MOURougANE

WWW.LEBESGUE.FR

HTTP://WWW.LEBESGUE.FR/SEMESTRE2014/
 DESIGN MATHIEU DESAILLY
 WWW.LEJARDINGRAPHIQUE.COM
 IMPRESSION MEDIA GRAPHIC

PARTNERS
 INSTITUT DE RECHERCHE MATHÉMATIQUE DE RENNES
 LABORATOIRE DE MATHÉMATIQUES JEAN LERAY
 DÉPARTEMENT DE MATHÉMATIQUES,
 ÉNS RENNES

SUPPORTS
 AGENCE NATIONALE DE LA RECHERCHE
 RÉGION BRETAGNE
 RÉGION PAYS DE LA LOIRE

AFFILIATIONS
 CNRS
 UNIVERSITÉ DE RENNES 1
 UNIVERSITÉ RENNES 2
 UNIVERSITÉ DE NANTES

INSA RENNES
 INRIA
 ÉNS RENNES
 UEB
 UNAM