COURSE SCHEDULE

AY22-26 Fall (Semester 1)

Time	Monday							
Morning	09:05-12:40 08:00-11:35 **Xu Jiagang(徐佳刚)** 微积分研究中心 Measure Theory and Functional Analysis MATH6030	09:05-12:40 08:00-11:35 **Wei-Hong Liao(廖伟宏)** 数理三研究室 Riemannian Geometry	09:05-12:40 08:00-11:35 **Vyacheslav Cheban** 代数与数论研究室 Thermodynamics and Statistical Physics MATH6270	09:50-12:40 **Christopher Brav** Introduction to derived and perverse geometry MATH6270	09:50-12:40 **Arkadij Bojko** Symmetric functions and applications		10:00-11:40 09:00 **LB. Qu, Y.W. Fan, L. Zhang, W.F. Zhang, W.F. Zhang** (Seminar) **SMS Algebraic Geometry Seminar**	09:00-12:00 08:00-11:00 **Vincent CHI-HANG YUEN** 代数与数论研究室 Fourier-Jacobi Models MATH 6300?
Afternoon	15:00-16:10 08:00-10:10 **Maurice Rabey** 微积分研究中心 Spectral Theory and Non-Euclidean Geometry MATH6076	15:00-16:10 14:00-15:10 **Valentin Blanc** 代数与数论研究室 Algebraic Geometry MATH6270	15:00-17:40 09:00-11:40 **Valentin Blanc, Dan Igor** (Seminar) **Dynamical Systems Seminar** 15:25-16:40 08:00-10:15 **Chang Peng Hsin** 代数与数论研究室 Commutative Algebra MATH6050	15:00-16:10 **Wilhelm Zhang(张一平)** 代数 2 + Algebra 1 MATH6270	15:00-16:10 **Hongfeng Jiang(蒋洪峰)** 数理三研究室 Introduction to Chern-Simons Theory	15:00-17:00 08:00 (Seminar) **TBA**	15:00-18:00 09:00 **Chris Rea, Jean Valentin** (Seminar) **SMS Algebraic Geometry and Non-commutative Geometry**	

Time	Tuesday											
Morning	09:05-12:40 08:00-11:35 **Xu Jiagang** 微积分研究中心 Riemann Surfaces MATH6030	09:05-12:40 08:00-11:35 **Jakov Ivan** 代数研究室 Algebraic Surfaces	09:05-12:40 08:00-11:35 **Valentin Blanc** 数理三 Number Theory	09:05-12:40 08:00-11:35 **Yu Nakayama** 应用物理研究室 / 数理三研究室 Cohomology theory of profinite groups	09:05-12:00 08:00-11:00 **刘海文 (Liu Hai Wen)** 大学生入门研究seminar Scale Geometry II	09:05-11:50 08:00-11:45 **Jiang Tao** **蒋涛** (Seminar)		09:05-12:40 08:00-11:35 **Leonardo Biliotti** 几何分析 Geometric Mechanics MATH6010	09:05-12:40 08:00-11:35 **Tomasz Przebinda** Lines associated to representations 可能是调和分析 MATH6030	12:00-13:00 08:00-09:00 **Tomasz Przebinda** Fourier-Jacobi models in supercyclotomic gauge theories		
Afternoon	15:00-16:10 14:00-15:10 **Jean-Emile Bourgeois** 数理三研究室 / Quantum Field Theory MATH6010		15:00-16:10 **Lisa Piccirillo** Knot Theory Number Theory	15:00-16:10 **Axel Ulbrich** Introduction to Jacobi Algebra Theory	14:00-17:00 **Bin Shi(石斌)** 人工智能与计算机科学 Artificial Intelligence and Nonlinear Sciences	19:00-21:00 **Hugues Oberlin(奥伯林)** 代数研究室 Partial Differential Equations		14:00-16:00 **Jeongseong Ko(高正成)** **Jean-Emile Bourgeois** **Arkadij Bojko** (Seminar) **Algebraic Theory Seminar**	15:30-17:00 **Jiang Tao** **蒋涛** 数理三研究室 / 代数研究室		

Time	Wednesday											
Morning	09:00-12:40 08:00-11:35 **Xu Jiagang** 微积分研究中心 Introduction to Conformal Field Theory MATH6010		09:05-09:25 08:00-11:05 **Veronica Pasquarella** 代数研究室 Frobenius	09:05-12:40 08:00-11:35 **Gary Ellingsrud** 代数研究室 / 数理三研究室 Financial Mathematics: Stochastic Calculus and Applications MATH6010	08:55-11:40 08:00-11:00 **Jean-Emile Bourgeois** 微积分研究中心 / 数理三研究室 Elliptic Curves and Modular Forms	09:05-12:40 08:00-11:35 **Rohan Tang(唐睿瀚)** 数理三研究室 Introduction to Dynamics and Diophantine Approximation	09:05-12:40 08:00-11:35 **Chengkang Yu(余成钢)** 数理三研究室/Yang-Mills		10:00-12:40 08:00-11:35 **程晓亮 (Xiaoliang Cheng)** 微积分研究中心 / 数理三研究室 Geometrical Methods in Mathematical Physics: Differential Geometry	08:00-12:00 08:00-10:00 **Bergin J.O.Bell** 微积分研究中心 Mathematical Modelling and Computational Analysis	09:30-11:30 09:00-11:00 **Y-L. Chaothuan Li** (Seminar) **Elementary Analysis Seminar**	
Afternoon	15:00-16:10 14:00-15:10 **Liangliang Ye(叶亮亮)** 微积分研究中心 Introduction to Conformal Field Theory Conformal Bootstrap		15:00-16:10 **Veronica Pasquarella** Frobenius Commutative Algebra	15:00-16:10 **Gary Ellingsrud** Financial Analysis MATH6010	15:00-16:10 **Hamed Adam** 广义相对论 General Relativity MATH6010	15:00-16:10 **Yuan Shi(石渊)** 数理三研究室 Introduction to Statistical Field Theory	15:30-16:10 **Dongen Chen(陈冬雯)** 物理研究室 / 数理三研究室 Fourier and Applications	15:00-16:10 **Vladimir Lin(林伟)** 数理研究室 Mathematical Methods for Physics	16:00-17:10 **Vladimir Lin(林伟)** 数理研究室 Introduction of Category Mixed systems	13:30-16:10 **Chen Sun(孙晨)** 数理三研究室 / 代数研究室	14:00-16:00 **Pan Liu, Qing Hong** (Seminar) **Elementary Analysis Seminar** **Qing Hong and Jodie Theory Seminar**	
Evening			16:00-18:00 **ATTIC** **Veronica Pasquarella** (Seminar) **SMS Group Math Seminar**	15:25-16:40 14:00-15:15 **Kaisheng Fan(范凯胜)** 微积分研究中心 Introduction to Cosmology	18:05-21:00 19:00-21:00 **Chaoshen Zhang(张朝深)** 几何研究室/Other Topics in Geometry Flows	18:00-21:00 19:00-21:00 **Pengcheng Wan(万鹏程)** 数理研究室 Classical Physics						

Time	Thursday											
Morning	09:00-12:00 08:00-11:00 **Jiaqing Fu** (Seminar) **Seminar on Complex Geometry**	09:00-12:40 08:00-11:35 **Xiaolong Huang(黄晓龙)** 代数研究室 Surface Subgroups, Hyperbolic Groups and Metrical Surface in Hyperbolic 3-manifolds	09:00-12:40 08:00-11:35 **Jiaqing Fu** (Seminar) **Seminar on Complex Geometry** Introduction to Conformal Field Theory		09:00-11:35 08:00-11:05 **Jiaqing Fu** 代数研究室/Introduction to Iwin topology **Zin-win and Chiller**	09:00-11:40 08:00-11:35 **Yu-wen Fan(范宇雯)** 代数研究室 Algebraic varieties and their derived categories		09:05-12:50 08:00-11:45 **Xiaolong Huang** **黄晓龙** 数理研究室/微积分研究室 Regression Models and Inference STATS6002					
Afternoon		14:00 **Xiaolong Hua** (Seminar) **Geometry and Topology Seminar**	14:00-17:00 **Fabio Adami, Valeo** (Seminar) **Classical and Quantum gravity** 16:00-17:00 **Jodie Jia** **Mykola Semenov-Tian-Shansky** (Seminar) **Physical Math Seminar**		15:30-18:00 08:00-11:00 **Jiaqing Lowe** 代数研究室 Introduction to Quantum Ising Theory MATH6050	14:00-16:00 **Changqing Chang** (Seminar) **Hamilton Dynamic System Seminar** 16:00-17:00 **Jiaqing Fu** **傅佳庆** 1. 微积分研究室/Elementary Introduction to L-Functions	16:00-18:00 08:00-11:00 **Jiaqing** 代数研究室 Statistical Theory and Methods STATS6002	16:00-17:00 08:00-11:15 **Anne Vialanisiere** (start from week 8) An Introduction to Higher Algebra	09:00-12:00 08:00-11:00 **Co-Wang Tu(涂国旺)** 代数研究室 Applied Algebraic Geometry Precision 15:20-18:00 08:00-11:00 **AI QE (Jangwon)** **Miguel Tow** 代数研究室/微积分研究室 **AI 量子计算 (Jangwon)** - 为量子物理研究于科技 Present Physics for Quantum Computation Quantum Computation Quantum Circuits					

Time	Friday											
Morning	11:00-12:40 07:00 **Yuhao Jiang(蒋宇豪)** Quantum Dynamical Systems Seminar	09:05-12:40 07:00 **Tianyang Li, Shen Wei Lin, Weiyuan Chen** (Seminar) **Seminar on Scientific Computing**	10:00-12:40 07:40 E (Seminar) **Student Seminar on Mathematical Physics**	09:05-12:40 08:00-12:00 **Zhou Zhengfang** **周郑芳** General Dialectics on Manifolds	09:05-12:40 08:00-12:00 **Anthony Chaoqiang Zhang** 微积分研究室 Numerical Linear Algebra MATH6010	10:30-17:10 09:00 **LB. Qu, Y.W. Fan, L. Zhang, W.F. Zhang, W.F. Zhang** (Seminar) **SMS Algebraic Geometry Seminar**		09:30-12:40 08:00-11: **Jiaqing Fu** **傅佳庆** 数理研究室/微积分研究室 Probability theory Indeed/course				
Afternoon	14:00-15:15 13:00 **Yuhao Jiang** Algebra Seminar	15:00-16:10 08:00-10:10 **Zhengqing Zou(邹郑庆)** 数学与应用数学系 Theory MATH6006	15:30-16:00 08:00-14:15 **张艺凯** Introduction to Analysis on Graphs	15:30-16:10 08:00-10:10 **Ge Ruiji(阎锐)** 微积分研究室/Elementary Statistics	15:30-16:10 08:00-10:10 **Yufeng Miao(苗宇峰)** 微积分研究室/Partial Differential Equations		14:00-17:00 08:00 (Seminar) **TBA**	15:30-16:10 **Zhang Ying(张颖)** 代数研究室 MATH 6010	09:00 **Yinqu Yu** **Jiaqing Fu** (Seminar) **Optimization Theory and AI**		
Evening	15:15-18:00 13:00 **Yinqu Yu** **Algebraic Seminar**	15:25-18:00 08:00-11:15 **Yiqu Lei(雷义渠)** Introduction to Basic Physics	17:00-19:35 08:00-10:10 **Lianghongchao** Mathematical methods for physicists				15:00-17:00 08:00-11: **Jiaqing Fu** **傅佳庆** (Seminar) **TBA**					

Time	Saturday
Morning	
Afternoon	09:00 **Yinqu Yu** **Jiaqing Fu** (Seminar) **Optimization Theory and AI**
Evening	