**2016年调和分析及其应用国际会议**

时间：2016年5月20日至5月22日 08:30-11:35 15:00-17:40

地点：圆形报告厅（5月20日）；3401，3407，3410（5月20日）；

3201，3202，3203（5月21-日22日上午）

会议的主题：调和分析、调和分析方法在PDE中的应用等

会议承办单位: 河南理工大学数学与信息科学学院

会议合办单位: 北京师范大学 、南开大学 、北京航空航天大学

欢迎广大师生届时参加！

**Schedule of Morning, 20 May**

(5月20日上午报告安排)

|  |  |  |
| --- | --- | --- |
| **Location: Academic Hall (学术报告厅)** | | |
| 08:30-09:30 | **Opening and photo** | |
| **Time (时间)** | **Program（报告内容）** | **Host(主持人)** |
| 09:40-10:10 | **限制性猜想的研究进展**  Changxing Miao（苗长兴） | **Heping Liu**  **刘和平** |
| 10:15-10:45 | **Energy identity of approximate harmonic maps**  Zhifei Zhang（章志飞） |
| 10:45-11:05 | Tea break | |
| 11:05-11:35 | **Transference of certain maximal Hilbert transform on torus**  Dashan Fan | **Yong Ding**  **丁勇** |
| 12:00 | 迎宾馆就餐、休息（Lunch） | |

**Schedule of Afternoon, 20 May**

(5月20日下午报告安排)

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| --- | --- | --- |
| **Location 1: Building 3 Room 401(一会场：401)** | | |
| **Time (时间)** | **Program（报告内容）** | **Host(主持人)** |
| 15:00-15:30 | **The Landau-Lifshitz equation of the ferromagnetic spin chain and Oseen-Frank flow**  Meng Wang（王梦） | **Wenchang Sun孙文昌** |
| 15:35-16:05 | **Generalized bilinear Littlewood-Paley  function**  Liju Yu（喻丽菊） |
| 16:05-16:35 | Tea break | |
| 16:35-17:05 | **TENT SPACES AT ENDPOINTS**  Ting Mei（梅婷） | **Xiaohua Yao**  **尧晓华** |
| 17:10-17:40 | **Endpoint estimates for the commutators of multilinear Caldern-Zygmund operators with Dini type kernels**  Zhengyang Li（李正阳） |
| 18:20 | 迎宾馆就餐（Banquet） | |

**Schedule of Afternoon, 20 May**

(5月20日下午报告安排)

|  |  |  |
| --- | --- | --- |
| **Location 2: Building 3 Room 407(二会场：407)** | | |
| **Time (时间)** | **Program（报告内容）** | **Host(主持人)** |
| 15:00-15:30 | **Restrictions for solutions of the heat equations with Newton-Sobolev data on metric measure spaces**  Wen Yuan（袁文） | **Wengu Chen**  **谌稳固** |
| 15:35-16:05 | **Relevant random sampling in finitely generated shift-invariant function spaces**  Jun Xian（冼军） |
| 16:05-16:35 | Tea break | |
| 16:35-17:05 | **COMMUTATORS OF MULTILINEAR OPERATORS ON NON-HOMOGENEOUS METRIC MEASURE SPACES**  Rulong Xie（谢如龙） | **Lin Tang**  **唐 林** |
| 17:10-17:40 | **Hardy spaces with variable exponents**  Ciqiang Zhuo（卓次强） |
| 18:20 | 迎宾馆就餐（Banquet） | |

**Schedule of Afternoon, 20 May**

(5月20日下午报告安排)

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| --- | --- | --- |
| **Location 3: Building 3 Room 410(三会场：410)** | | |
| **Time (时间)** | **Program（报告内容）** | **Host(主持人)** |
| 15:00-15:30 | **Some maximal function characterizations for Hardy spaces associated to nonnegative self-adjoint operators satisfying Gaussian estimates on spaces of homogeneous type**  Liang Song（宋亮) | **Yongzhong Sun**  **孙永忠** |
| 15:35-16:05 | **Two weight inequalities for bilinear forms**  Kangwei Li |
| 16:05-16:35 | Tea break | |
| 16:35-17:05 | **Estimates of fractional integral operator with variable kernel**  Taotao Zheng（郑涛涛） | **Pu Zhang**  **张 璞** |
| 17:10-17:40 | **Some Weighted Norm Inequalities on Manifolds**  Shiliang Zhao（赵世良） |
| 18:20 | 迎宾馆就餐（Banquet） | |

**Schedule of Morning, 21 May**

(5月21日上午报告安排)

|  |  |  |
| --- | --- | --- |
| **Location 1: Building 3 Room 201(一会场：201)** | | |
| **Time (时间)** | **Program（报告内容）** | **Host(主持人)** |
| 08:30-09:00 | **MORREY-TYPE BANACH SPACES AND RELATED OPERATORS**  Zhijian Wu | **Jiecheng Chen**  **陈杰诚** |
| 09:05-09:35 | **Noncommutative multi-parameter Wiener-Wintner type ergodic theorem**  Guixiang Hong（洪桂祥） |
| 09:40-10:10 | **Wolff Potentials and Integral systems**  Yayuan Xiao |
| 10:10-10:30 | Tea break | |
| 10:30-11:00 | **Capacity on the Grushin plane**  Yu Liu（刘 宇） | **Jianxun He**  **何建勋** |
| 11:05-11:35 | **Harmonic functions, heat kernels and Riesz transforms**  Renjin Jiang（蒋仁进） |
| 12:00 | 迎宾馆就餐、休息（Lunch） | |

**Schedule of Morning, 21 May**

(5月21日上午报告安排)

|  |  |  |
| --- | --- | --- |
| **Location 2: Building 3 Room 202(二会场：202)** | | |
| **Time (时间)** | **Program（报告内容）** | **Host(主持人)** |
| 08:30-09:00 | **ON A LEMMA OF BMO FUNCTIONS**  Silei Wang（王斯雷） | **Bolin Ma**  **马柏林** |
| 09:05-09:35 | **Boundedness and convergence of some integral operators**  Xianliang Shi（施咸亮） |
| 09:40-10:10 | **Properties of Positive Solutions for Some Integral Equations**  Huoxiong Wu（伍火熊） |
| 10:10-10:30 | Tea break | |
| 10:30-11:00 | **Weighted jump and variational inequalities for rough operators**  Yanping Chen（陈艳萍） | **Hongquan Li**  **李洪全** |
| 11:05-11:35 | **Global well-posedness for the GNSC equations with highly oscillating initial data**  Xiaochun Sun（孙小春） |
| 12:00 | 迎宾馆就餐、休息（Lunch） | |

**Schedule of Morning, 21 May**

(5月21日上午报告安排)

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| --- | --- | --- |
| **Location 3: Building 3 Room 203(三会场：203)** | | |
| **Time (时间)** | **Program（报告内容）** | **Host(主持人)** |
| 08:30-09:00 | **On Schrdinger oscillatory integrals associated with the Dunkl transform**  Zhongkai Li (李中凯) | **Yinsheng Jiang**  **江寅生** |
| 09:05-09:35 | **Fourier decay and restriction properties of certain fractals**  Xianghong Chen |
| 09:40-10:10 | **Restriction Theorem for Oscillatory Integral Operator with Polynomial Phase**  Dunyan Yan（燕敦验） |
| 10:10-10:30 | Tea break | |
| 10:30-11:00 | **Bilinear fractional integral along the curves**  Junfeng Li（李俊峰） | **Shuangping Tao**  **陶双平** |
| 11:05-11:35 | **Block-Sobolev spaces and the rate of almost everywhere convergence of Bochner-Riesz means**  Fayou Zhao（赵发友） |
| 12:00 | 迎宾馆就餐、休息（Lunch） | |

**Schedule of Afternoon, 21 May**

(5月21日下午报告安排)

|  |  |  |
| --- | --- | --- |
| **Location 1: Building 3 Room 201(一会场：201)** | | |
| **Time (时间)** | **Program（报告内容）** | **Host(主持人)** |
| 15:00-15:30 | **Sharp Weighted Bounds for the Hardy-Littlewood Maximal Operators on Musielak-Orlicz Spaces**  Haibo Lin（林海波） | **Xiangxing Tao**  **陶祥兴** |
| 15:35-16:05 | **Spectral multiplier theorems on non-doubling manifolds with ends**  Peng Chen（陈 鹏） |
| 16:05-16:35 | Tea break | |
| 16:35-17:05 | **Recovery of sparse signals under RIP and ROC**  Yaling Li（李亚玲） | **Yuan Zhou**  **周 渊** |
| 17:10-17:40 | **一类多线性Littlewood-Paley 平方函数**  Sha He（贺 莎） |
| 18:20 | 迎宾馆就餐（Dinner） | |

**Schedule of Afternoon, 21 May**

(5月21日下午报告安排)

|  |  |  |
| --- | --- | --- |
| **Location 2: Building 3 Room 202(二会场：202)** | | |
| **Time (时间)** | **Program（报告内容）** | **Host(主持人)** |
| 15:00-15:30 | **A restriction theorem for Grushin operators**  Manlin Song（宋曼利） | **Jingshi Xu**  **徐景实** |
| 15:35-16:05 | **Boundedness and compactness of Hardy operator on Lorentz-type spaces**  Hongliang Li（李宏亮） |
| 16:05-16:35 | Tea break | |
| 16:35-17:05 | **Riesz Transform Characterizations of Hardy Spaces Associated to Degenerate Elliptic Operators**  Junqiang Zhang（张俊强） | **Houyu Jia**  **贾厚玉** |
| 17:10-17:40 | **Local Estimate about Schrodinger Maximal Operator on H-type Group**  Hongbo Zeng（曾宏波） |
| 18:20 | 迎宾馆就餐（Dinner） | |

**Schedule of Afternoon, 21 May**

(5月21日下午报告安排)

|  |  |  |  |
| --- | --- | --- | --- |
| **Location 3: Building 3 Room 203(三会场：203)** | | | |
| **Time (时间)** | **Program（报告内容）** | **Host(主持人)** | |
| 15:00-15:30 | **Characterizations of function spaces via boundedness of commutators**  Shaoguang Shi（石少广） | **Zunwei Fu**  **傅尊伟** | |
| 15:35-16:05 | **Integral Operators of Marcinkiewicz Type on Triebel-Lizorkin Spaces**  Feng Liu （刘 风） |
| 16:05-16:35 | Tea break | | |
| 16:35-17:05 | **estimates for fractional Schrdinger operators with Kato class potentials** Shanlin Huang（黄山林） | | **Kai Zhao**  **赵 凯** |
| 17:10-17:40 | **Products of functions in BMO and  via wavelets over spaces of homogeneous type**  Xing Fu（付星 ) | |
| 18:20 | 迎宾馆就餐（Dinner） | | |

**Schedule of Morning, 22 May**

(5月22日上午报告安排)

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| --- | --- | --- | --- |
| **Location 1: Building 3 Room 201(一会场：201)** | | | |
| **Time (时间)** | **Program（报告内容）** | **Host(主持人)** | |
| 08:30-09:00 | **分形微分方程中的某些问题**  Weiyi Su（苏维宜） | **Baoquan Yuan**  **原保全** | |
| 09:05-09:35 | **On the bi-parameter Littlewood-Paley operators**  Qingying Xue（薛庆营） |
| 09:35-09:55 | Tea break | | |
| 09:55-10:25 | **空间的一些替代**  Shunchao Long（龙顺潮） | | **Guoen Hu**  **胡国恩** |
| 10:30-11:00 | **Weighted norm inequalities for the commutator of the Kato square root for second order elliptic operators on**  Kai Zhu（朱凯） | |
| 11:05-11:35 |  | |
| 12:00 | 迎宾馆就餐、休息（Lunch） | | |

**Schedule of Morning, 22 May**

(5月22日上午报告安排)

|  |  |  |
| --- | --- | --- |
| **Location 2: Building 3 Room 202(二会场：202)** | | |
| **Time (时间)** | **Program（报告内容）** | **Host(主持人)** |
| 08:30-09:00 | **Besov and Triebel-Lizorkin space estimates for fractional diffusion**  Kz Yabuta | **Zongguang Liu刘宗光** |
| 09:05-09:35 | **星形Lipschitz曲面上的全纯Fourier乘子**  Pengtao Li（李澎涛） |
| 09:35-09:55 | Tea break | |
| 09:55-10:25 | **插值空间和函数空间的统一描述**  Qixiang Yang（杨奇祥） | **Lisheng Shu**  **束立生** |
| 10:30-11:00 | **Two-weight Boundedness of Multilinear Fractional Strong Maximal Operator**  Mingming Cao（曹明明) |
| 11:05-11:35 |  |
| 12:00 | 迎宾馆就餐、休息（Lunch） | |