



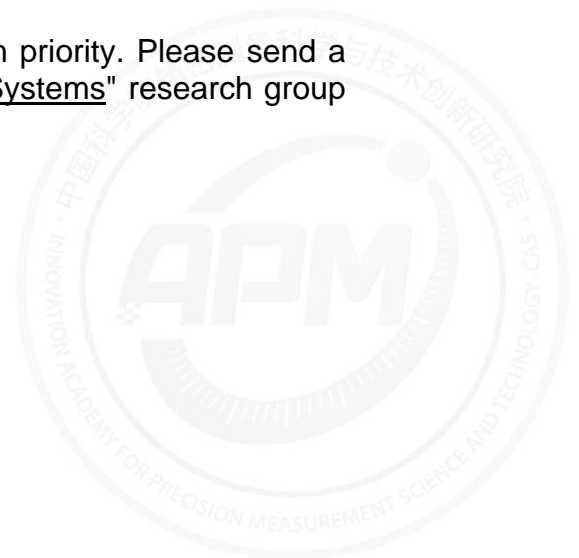
Multiple Faculty Recruitment for “State Key Laboratory of Magnetic Resonance Spectroscopy and Imaging” at the Chinese Academy of Sciences

The reorganized **State Key Laboratory of "Magnetic Resonance Spectroscopy and Imaging"** (affiliated with the Innovation Academy for Precision Measurement Science and Technology (APM), Chinese Academy of Sciences (CAS)), is inviting outstanding scholars to join the research group on "Key Technologies for Medical MRI Systems" led by the Director of the State Key Laboratory (in preparation). We offer generous compensation, with terms negotiated on a case-by-case basis. The State Key Laboratory of Magnetic Resonance Spectroscopy and Imaging is restructured and optimized from the **State Key Laboratory of Magnetic Resonance and Atomic and Molecular Physics (established in 1986)**, and the CAS Key Laboratory of Magnetic Resonance in Biological Systems. In 2019, the APM was established by merging the Wuhan Institute of Physics and Mathematics of the CAS (founded in 1958) and the Institute of Geodesy and Geophysics of the CAS (founded in 1957).

Key Research Directions:

1. Novel RF coils for human MRI (**3T, 5T, 7T and above**), and B0/B1 shimming.
 2. Low-field, miniaturized, portable MRI systems for point-of-care applications (hardware or software development).
 3. Sequence development.
 4. Artificial intelligence, image reconstruction, signal processing.
 5. **The State Key Lab research covers a wide range.** If interested, please contact us, and we will forward your inquiry to the relevant research groups.
- Positions available include Full Professors, Associate Professors, Assistant Professors, Postdoctoral Researchers, RAs, and Doctoral/Master's Students.
 - The positions emphasize hands-on skills, with lower requirements for publications.
 - Candidates with a Ph.D. in the MRI field will be given priority. Please send a message to the "Key Technologies for Medical MRI Systems" research group (in preparation).

Email: kangyan@apm.ac.cn





“磁共振波谱与成像”全国重点实验室 课题组招聘

重组中的“磁共振波谱与成像”全国重点实验室（隶属于中国科学院精密测量院）现诚邀优秀学者加盟，参与重点实验室主任的“医学MRI系统关键技术”课题组（筹）。提供优厚的待遇，实行一事一议。精密测量院由原武汉物理与数学研究所（成立于1958年）和测量与地球物理研究所（成立于1957年）整合而成。而磁共振波谱与成像全国重点实验室则是在原“波谱与原子分子物理”国家重点实验室（始建于1986年）的基础上进行了优化重组。

重点需求方向：

1. 人体高场磁共振射频线圈（3T、5T、7T and above）及B0/B1匀场系统
2. 低场、小型化、便携式MRI系统用于临床现场应用（包括硬件或软件开发）
3. 序列开发
4. 人工智能、图像重建、信号处理等
5. 磁共振全重室研究方向广泛，如有兴趣，请联系我们，我们将转达给相应的课题组

• 职位包括**研究员、副研究员、博士后、科研助理、及硕博研究生**等。我们积极协助申报国家级、中国科学院以及湖北省和武汉市的人才项目。**新一轮海外优秀青年申请截止日期预计为2025年3-4月**，建议尽早与我们联系以便充分准备材料。

- 岗位注重动手能力，**对文章要求不高**。优秀者可重点培养获得快速提拔。
- 具备MRI领域博士学位者优先考虑。
- 如有兴趣，请联系“医学MRI系统关键技术”课题组（筹）的康老师

电子邮箱：kangyan@apm.ac.cn

通过整合原波谱与原子分子物理国家重点实验室、国家大型科学仪器中心·武汉磁共振中心和中国科学院生物磁共振分析重点实验室组建“磁共振波谱与成像全国重点实验室”，聚焦磁共振前沿理论、超灵敏磁共振关键技术和磁共振原位分子科学三个研究方向，实验室组建初期已拥有固定研究人员74人，由正研究员、副研究员和高级工程师组成。磁共振学科经过六十余年的发展，逐步形成了以磁共振波谱与成像为核心的高水平研究集体，并自主培养出我国磁共振领域的11位杰青。现有中国科学院院士2人、“国家自然科学基金创新研究群体”2个、“全国创新争先奖”获得者1人、“国家杰青”7人。