**Job Description for Postdoctoral Fellow in 2024 (P1)**

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| Group of Recruitment | | Galaxy Evolution Group, Optical Astronomy Division | Supervisor | Joon Hyeop Lee and Hyunjin Jeong |
| Area of Recruitment | | IFU studies of galaxies | Number of Recruitment | 2 persons |
| Purpose of Recruitment | | Galaxy evolution research based on the Hector Galaxy Survey | | |
| Project | Type of Project | Grant program by National Research Foundation of Korea | | |
| Project Name | Precision Analysis of Galaxies and Their Origins Through Integral Field Spectroscopy | | |
| Duration of Project | from 01 Mar 2022 to 28 Feb 2027 (60 Months) | | |
| Beginning Date | 01 May 2024 (no later than 01 Dec 2024) | | |
| Project Abstract | * Galaxy evolution research using IFU data and various methods such as full spectrum fitting and line measurement * Participation in the Hector Galaxy Survey | | |
| Details | Key Duties | * Galaxy evolution research using Hector data (essential) * Hector observations and data reduction (preferred) | | |
| Details of Duties | * Galaxy evolution research using Hector data and various methods such as full spectrum fitting and line measurement (essential) * Participation in Hector observations according to the Hector survey status (preferred) * Hector raw data reduction if it is needed (preferred) | | |
| Knowledge & Skills Required | * Experience and research products in studies with spectral analysis of galaxies (essential) * Experience in studying galaxy stellar populations / kinematics / gas properties using IFU data (strongly preferred) * Experience in IFU observations or MOS observations (preferred) * Good English communication skills | | |
| Attitude | * Responsibility, mutual cooperation, and caring attitude for large collaborations * Proactive leadership and initiative in leading collaborative research | | |
| Basic Ability | |  | | |
| Contact | | Enquiries can be addressed to Dr. Joon Hyeop Lee ([jhl@kasi.re.kr](mailto:jhl@kasi.re.kr)) or Dr. Hyunjin Jeong ([hyunjin@kasi.re.kr](mailto:hyunjin@kasi.re.kr)). | | |
| 22 Jan 2024  Supervisor: Joon Hyeop Lee, Hyunjin Jeong  Director: Yujin Yang | | | | |