**令和５年度**

**大学連合ネットワークによる初等学生への国際原子力基礎教育**

**【海外研修派遣学生募集要項】**

東京工業大学　大学連合ATOM事務局

文部科学省の国際原子力人材育成イニシアティブ事業「大学連合ネットワークによる初等学生への国際原子力基礎教育」では、令和５年度に、IAEA（オーストリア／ウイーン）あるいは、OECD/NEA（フランス／パリ）でインターンシップ研修を行う学生を募集します。

これは、原子力工学の基礎知識を既に有している学生を対象として、優れた国際感覚、高いコミュニケーション能力や情報発信能力を有する原子力のグローバルな人材の育成を目的に実施するものです。この研修を希望される方は、以下の要領に従って奮って応募下さい。

１．派遣先候補

・国際原子力機関（IAEA）オーストリア／ウイーン

・経済協力開発機構／原子力機関（OECD/NEA）フランス／パリ

２．派遣期間（調整により変更の可能性もある）

・IAEA 約3ヶ月間　開始時期：令和5年7月初旬以降

・OECD/NEA 約6ヶ月間　開始時期：令和5年7月初旬以降

３．研修の内容

* 国際機関の一員として、現地で英語での業務の支援をする。
* 具体的な業務内容は、候補者の要望に基づき相手機関と交渉して決定する。
* IAEAでのインターンシップの業務候補は添付の派遣先候補例（Sponsored Internships Opportunities 2023）を参照。どちらかと言うと研究より管理的業務が多い。
* OECD/NEAの業務の概要は下記の情報を参照。研究的な業務もある。

[Nuclear Energy Agency (NEA) - How we work (oecd-nea.org)](https://oecd-nea.org/jcms/pl_36847/what-we-do)

４．募集人員

・IAEA ２名

・OECD/NEA １名

５．応募資格

大学連合の18大学（＊）に所属する原子力工学関連の大学院修士学生（入学手続き中も含む）で心身ともに健康であること。

（＊）茨城大学、大阪大学、大阪産業大学、岡山大学、金沢大学、近畿大学、九州大学、

京都大学、東海大学、東京工業大学、長岡技術科学大学、名古屋大学、

八戸工業大学、福井大学、北海道大学、山梨大学、早稲田大学、東京都市大学

６．費用負担

渡航費及び現地の宿泊費は、大学の規程の範囲で支給されます。これら以外の現地での食費、交通費あるいは、規程を超える費用については各自負担。また旅行保険加入やVISA取得にかかる費用は各自負担。

７．応募書類

（１）海外派遣学生応募志願票（証明書写真添付のこと）（添付書式）

（２）学部及び大学院での成績証明書（PDF形式）

（３）英語外部試験（TOEIC,TOEFL等）スコア（PDF形式）

（４）これまでの研究成果等の概要（PowerPoint10枚以内）（英語・PPT形式）

卒業論文、修士論文あるいは、最近の研究について、目的、方法、意義、成果等の概要

（５）研修企画書（日本語可）（Word形式）

（様式自由：A4サイズ3頁、フォント10.5ポイント）

・希望する研修先の機関名、分野、活動内容、研修期間

・本派遣に応募する動機

・今回どのような経験を積み、将来にどのように活かして行こうと考えているか

なお、上記の（４）及び（５）については、審査を公平に行う観点から、個人が特定できないように、注意して作成下さい。個人名等が残っている場合は、事務局で削除します。

８．応募書類の提出先

応募書類一式（データ）はパスワードをかけて、各大学（＊）の担当教員へ提出してください。
＊担当教員が分からない場合は大学連合ATOM事務局へお問い合わせください。

Tel：03-5734-2188 / Mail : g-dojo@zc.iir.titech.ac.jp　担当：西村・韓・島田

９．選抜方法

（１）第1次選抜：各大学から1名を選抜・推薦する。選抜方法は、各大学で定める。

（IAEAとOECD/NEAの両方にそれぞれ応募者がいる場合は計2名を推薦可とする）

（２）第2次選抜：各大学の代表教員からなる選抜委員会で第1次選抜合格者の中からIAEA派遣は２名をOECD/NEA派遣は1名を選抜する。

１０．選抜スケジュール（応募の状況により変更することがあります）

（１）応募締切： 令和５年４月２１日(金) １７：００必着

（２）第１次選抜締切： 令和５年４月２６日(水) １７：００必着

（３）第2次選抜締切： 令和５年５月１２日(金) １７：００必着

（４）合格者発表：　　 令和５年５月中旬

１１．その他特記事項

（１）新型コロナウイルス感染予防対策から現地への渡航が制限されるような場合には、
本派遣は中止となる可能性があります。

（２）各大学の同意書

最終合格者は、各大学の専攻長から派遣に同意する旨の同意書を取得して下さい。

（３）研修報告書

研修中は現地で月1回（A4用紙２，３枚程度）、また帰国後に研修報告書（A4用紙５枚程度）を1週間以内にメールに添付して提出して下さい。

（４）応募に関する注意事項

・応募書類は、一切返却しません。

・応募書類受理後の応募書類の内容変更は、いかなる場合も認めません。

・応募書類について、虚偽の申請、不正等の事実が判明した場合、合格許可を取り消すことがあります。

【連絡先】

東京工業大学 科学技術創成研究院 ゼロカーボンエネルギー研究所

大学連合ネットワークによる初等学生への国際原子力基礎教育

（大学連合ATOM事務室）

〒152-8550東京都目黒区大岡山2-12-1,N1-15（北2-471）

西村、韓、島田

Tel：03-5734-2188

Mail: g-dojo@zc.iir.titech.ac.jp



**令和５年度**

**大学連合ネットワークによる初等学生への国際原子力基礎教育**

**【IAEA, OECD/NEAインターンシップ研修派遣学生応募志願票】**

記入日：　　　年　　月　　日現在　　　　　　応募番号（事務局記載）：

|  |  |  |  |
| --- | --- | --- | --- |
|  | 姓 | 名 | 顔写真添付（4.0 × 3.0㎝） |
| ふりがな |  |  |
| 氏名 |  |  |
| 名前（ローマ字）＊パスポートをお持ちの方はパスポート記載のつづりを記入してください | （姓/Last name） | （名/First name） |
| 性別 | □男　　□女 |
| 生年月日 | 西暦　　　　　年　　　　　月　　　　日　　年齢（　　　）歳 |
| 学校名・所属 | 大学・大学院、キャンパス等、学部、学科（課程）研究室名 |
| 現住所（お住まいの住所）都道府県も記入 | 〒国籍（　　　　　　　　　　） |
| 大学の所属先の住所（郵便物が届く住所） | 〒 |
| 所属先の電話番号 |  |
| 学年 | □学部　　年　　 □修士　　年　　　 □博士　　年 |
| 連絡先 | E-MAIL　 | （携帯）（PC） |
| 電話番号 | （携帯）（自宅） |
| 希望研修先（どちらか選択） | IAEA, OECD/NEA | 研修希望期間 |  |
| 留学経験又は外国滞在経験 | □ある（国名、機関、滞在時期：　　　　　　　　　　　　　　　　　　）□ない |
| 業績リスト | 発表論文等があれば記載してください： |
| パスポートの有無 | □ある（有効期限：　　　　　　　　　　　　）・□ない |

（注）この個人情報は、本事業の事務手続きのみに使用させて頂きます。

|  |
| --- |
| **（添付資料）IAEAインターンシップ派遣先候補例** |
| **Sponsored Internships Opportunities - 2023** |
|  | **Director General's Office** |
| **No.** | **Reference** | **Organisational location** | **Functional title** | **Duty Station** |
| **1** | **OPIC2023-01** | Office of Public Information and Communication; Media, Multimedia and Public Outreach Section | Internship-Video and multimedia | Vienna |
| **2** | **OPIC2023-02** | Office of Public Information and Communication; Web, Digital Media and Public Information Materials Section | Internship-Web, Digital Media & Public Info Materials | Vienna |
|  | **Department of Management**  |
| **No.** | **Reference** | **Organisational location** | **Functional title** | **Duty Station** |
| **1** | **MTCD2023-01** | Conference Service Section, Division of Conference and Document Services | Internship-Conference Services Support | Vienna |
| **2** | **MTCD2023-02** | Chinese Translation Section, Division of Conference and Document Services | Internship-Chinese Translation Section  | Vienna |
| **3** | **MTCD2023-03** | Publishing Section, Division of Conference and Document Services | Internship-Business and Marketing | Vienna |
| **4** | **MTHR2023-01** | Human Resources Management Section, Division of Human Resources | Internship-Human Resources Management | Vienna |
| **5** | **MTHR2023-02** | Human Resources Management Section, Division of Human Resources | Internship-Recruitment and Talent Outreach | Vienna |
| **6** | **MTHR2023-03** | HR Services Section, Division of Human Resources | Internship-HR Services | Vienna |
| **7** | **MTHR2023-04** | Division of Human Resources | Internship-HR Information System Analytics  | Vienna |
| **8** | **MTPS2023-01** | Office of Procurement Services  | Internship-Procurement Services | Vienna |
|  | **Department of Nuclear Sciences and Applications** |
| **No.** | **Reference** | **Organisational location** | **Functional title** | **Duty Station** |
| **1** | **NA2023-01** | Office of the Deputy Director General, Research Contracts Administration Section | Internship - IT development and project management | Vienna |
| **2** | **NAML2023-01** | IAEA Marine Environment Laboratories, Radioecology Laboratory | Internship – Nuclear and Related Techniques to Quantify Biotoxins in Aquatic Ecosystems | Monaco |
| **3** | **NAML2023-02** | IAEA Marine Environment Laboratories, Radioecology Laboratory | Internship – Ocean Acidification International Coordination Centre  | Monaco |
| **4** | **NAML2023-03** | IAEA Marine Environment Laboratories, Radioecology Laboratory | Internship – Nuclear Techniques in Blue Carbon Assessments | Monaco |
| **5** | **NAML2023-04** | IAEA Marine Environment Laboratories, Radioecology Laboratory | Internship – Nuclear Techniques in Marine Plastics and Ecosystems Research | Monaco |
| **6** | **NAML2023-05** | IAEA Marine Environment Laboratories, Radioecology Laboratory |  Internship – Nuclear and Isotopic Techniques to Assess Multi-Stressor Effects on Marine Organisms  | Monaco |
| **7** | **NAML2023-06** | IAEA Marine Environment Laboratories, Marine Environmental Studies Laboratory | Internship – Analytical Method Development for the Measurement of Trace Metals in Nanoplastics for Marine Pollution Studies | Monaco |
| **8** | **NAML2023-07** | IAEA Marine Environment Laboratories, Marine Environmental Studies Laboratory | Internship-Contaminants of Emerging Concern linked to Plastic Pollution in the Marine Environment | Monaco |
| **9** | **NAML2023-08** | Nuclear Applications, IAEA Marine Environment Laboratories, Radiometrics Laboratory | Internship-Network Coordination and Communication– Analytical Laboratories for the Measurement of Environmental Radioactivity (ALMERA) | Monaco |
| **10** | **NAML2023-09** | IAEA Marine Environment Laboratories, Radiometrics Laboratory | Internship – Scientific Software Development for Marine Environmental Radiometric Applications (LIMS) | Monaco |
| **11** | **NAML2023-10** | IAEA Marine Environment Laboratories, Radiometrics Laboratory | Scientific Software Development for Marine Environmental Radiometric Applications (MARIS) | Monaco |
| **12** | **NAFA2023-01** | Joint FAO/IAEA Division for Nuclear Techniques in Food and Agriculture, Animal Production and Health, Animal Production and Health Laboratory  | Internship-Food Safety and Control Symposium | Seibersdorf |
| **13** | **NAFA2023-02** | Joint FAO/IAEA Division for Nuclear Techniques in Food and Agriculture, Animal Production and Health, Animal Production and Health Laboratory  | Internship-Next Generation Sequencing Data Analysis (Bioinformatician)  | Seibersdorf |
| **14** | **NAFA2023-03** | Joint FAO/IAEA Division for Nuclear Techniques in Food and Agriculture, Insect Pest Control, Insect Pest Control Section Laboratory / Human disease Group  | Internship-Population genetics-mosquito | Seibersdorf |
| **15** | **NAFA2023-04** | Joint FAO/IAEA Division for Nuclear Techniques in Food and Agriculture, Insect Pest Control, Insect Pest Control Section Laboratory / Livestock Pest Group  | Internship-Quality Control for Tsetse Flies | Seibersdorf |
| **16** | **NAFA2023-05** | Joint FAO/IAEA Division for Nuclear Techniques in Food and Agriculture, Insect Pest Control, Insect Pest Control Section Laboratory / Plan Pest Group  | Internship-Mass Rearing of Fruit Flies | Seibersdorf |
| **17** | **NAFA2023-06** | Joint FAO/IAEA Division for Nuclear Techniques in Food and Agriculture, Soil and Water Management & Crop Nutrition Laboratory  | Internship-Isotopes for Soil and Water Management | Seibersdorf |
| **18** | **NAFA2023-07** | Joint FAO/IAEA Division for Nuclear Techniques in Food and Agriculture, Food and Environmental Protection Laboratory | Internship-Food Safety and Authenticity Database | Seibersdorf |
| **19** | **NAFA2023-08** | Joint FAO/IAEA Division for Nuclear Techniques in Food and Agriculture, , Food and Environmental Protection Laboratory | Internship-Food Safety and Authenticity Testing | Seibersdorf |
| **20** | **NAFA2023-09** | Joint FAO/IAEA Division for Nuclear Techniques in Food and Agriculture, Plant Breeding and Genetics, Plant Breeding and Genetics Lab | Internship-Plant Regeneration form Single Cells | Seibersdorf |
| **21** | **NAFA2023-10** | Joint FAO/IAEA Division for Nuclear Techniques in Food and Agriculture, Plant Breeding and Genetics Laboratory | Internship-Plant Breeding for Resistance to Biotic and Abiotic Stresses in Cereals | Seibersdorf |
| **22** | **NAFA2023-11** | Joint FAO/IAEA Division for Nuclear Techniques in Food and Agriculture, Insect Pest Control laboratory | Internship – Molecular Biologist for Next Generation Sequencing (NGS) Method Development | Seibersdorf |
| **23** | **NAHU2022-01** | Division of Human Health, Dosimetry and Medical Radiation Physics Section | Internship – Medical Physics Database Support | Vienna |
| **24** | **NAHU2022-02** | Division of Human Health, Nuclear Medicine and Diagnostic Imaging Section | Internship – Nuclear Medicine Database Support | Vienna |
| **25** | **NAHU2022-03** | Division of Human Health | Internship-Data collection and management | Vienna |
| **26** | **NAPC2023-01** | Division of Physical and Chemical Sciences, Radioisotope Products and Radiation Technology Section | Internship-E-learning Developer  | Vienna |
| **27** | **NAPC2023-02** | Division of Physical and Chemical Sciences, Radioisotope Products and Radiation Technology Section | Internship-Graphic Designer | Vienna |
| **28** | **NAPC2023-03** | Division of Physical and Chemical Sciences, Terrestrial Environmental Radiochemistry | Internship-Radiation Chemist | Vienna |
| **29** | **NAPC2023-04** | Division of Physical and Chemical Sciences, Nuclear Data Section | Internship- Development of an improved database of nuclear data for medical isotopes  | Vienna |
| **30** | **NAPC2023-05** | Division of Physical and Chemical Sciences, Terrestrial Environmental Radiochemistry | Internship – Development and Improvement of the Experimental Nuclear Reaction Data Library | Vienna |
| **31** | **NAPC2023-06** | Division of Physical and Chemical Sciences, Terrestrial Environmental Radiochemistry | Internship – TXRF analysis of samples of food products | Vienna |
| **32** | **NAPC2023-07** | Division of Physical and Chemical Sciences, Physics Section | Internship-Research and Applications with Particle Accelerators | Vienna |
| **33** | **NAPC2023-08** | Division of Physical and Chemical Sciences, Physics Section, Nuclear Science and instrumentation laboratory | Internship-Use of mobile nuclear instrumentation for monitoring and training purposes with Uncrewed Aerial Vehicles | Seibersdorf |
| **34** | **NAPC2023-09** | Division of Physical and Chemical Sciences, Physics Section | Internship-Supporting Sustainable Utilization and Applications of Research Reactor or Accelerator Based Neutron Sources through Provision of Products and Services | Vienna |
| **35** | **NAPC2023-10** | Division of Physical and Chemical Sciences, Physics Section, Nuclear Science and instrumentation laboratory | Internship – Nuclear Science Outreach | Seibersdorf |
| **36** | **NAPC2023-11** | Division of Physical and Chemical Sciences, Nuclear Data Service Unit | Internship-Industrial Technologist | Vienna |
| **37** | **NAPC2023-12** | Division of Physical and Chemical Sciences, Radioisotope Products and Radiation Technology Section | Internship-Environmental Radionuclide  | Vienna |
| **38** | **NAPC2023-13** | Division of Physical and Chemical Sciences, Terrestrial Environmental Radiochemistry Laboratory | Internship – Stable isotope ratio of greenhouse gases | Seibersdorf |
| **39** | **NAPC2023-14** | Division of Physical and Chemical Sciences, Terrestrial Environmental Radiochemistry Laboratory | Internship – Stable Isotopes in organic compounds with exchangeable hydrogen  | Seibersdorf |
| **Department of Technical Cooperation**  |
| **No.** | **Reference** | **Organisational location** | **Functional title** | **Duty Station** |
| **1** | **TC2023-01** | Programme of Action for Cancer Therapy (TC-PACT) | Internship-Programme of Action for Cancer Therapy (TC-PACT) | Vienna |
| **2** | **TC2023-02** | Regional Divisions | Internship-TC Regional Divisions TCAP | Vienna |
| **3** | **TC2023-03** | Regional Divisions | Internship-TC Regional Divisions TCAF | Vienna |
| **4** | **TC2023-04** | Regional Divisions | Internship-TC Regional Divisions TCEU | Vienna |
| **5** | **TC2023-05** | Regional Divisions | Internship-TC Regional Divisions TCLAC | Vienna |
| **6** | **TC2023-06** | Programme Support and Coordination (TCPC) | Internship-Technical Cooperation-Programme Support and Coordination – Quality Assurance (TC-TCPC-QAS) | Vienna |
| **7** | **TC2023-07** | Programme Support and Coordination (TCPC) | Internship – Technical Cooperation - Programme Support and Coordination – Communication Team (TC-TCPC) | Vienna |
|  |  | 　 | 　 |  |
|  | **Department of Nuclear Safety and Security**  |
| **No.** | **Reference** | **Organisational location** | **Functional title** | **Duty Station** |
| **1** | **NSIEC2023-01** | Office of Emergency Preparedness and Response | Internship-Emergency Preparedness and Response guidance for NPP and SMR | Vienna |
| **2** | **NSIEC2023-02** | Office of Emergency Preparedness and Response | Internship-System Design in Incident and Emergency Centre | Vienna |
| **3** | **NSIEC2023-03** | Office of Emergency Preparedness and Response | Internship-Database support in Incident and Emergency Centre | Vienna |
| **4** | **NSNI2023-01** | Nuclear Installation Safety Division, Regulatory Activities Section | Internship-E-learning modules on the Convention on Nuclear Safety | Vienna |
| **5** | **NSNI2023-02** | Nuclear Installation Safety Division, Regulatory Activities Section | Internship-Supporting the IRRS Strategic Plan Implementation | Vienna |
| **6** | **NSOC2023-01** | Office of Safety and Security Coordination, Network Management and Partnership Section | Internship - Support to the development of the global nuclear safety and security network(GNSSN) | Vienna |
| **7** | **NSRW2023-01** | Radiation, Transport and Waste Safety Division, Radiation Safety and Monitoring Section | Internship-Improving Knowledge on Radiation Protection in Medicine | Vienna |
| **8** | **NSRW2023-02** | Radiation, Transport and Waste Safety Division, Radiation Safety and Monitoring Section | Internship-Quality Management on Radiation Protection | Vienna |
| **9** | **NSRW2023-03** | Radiation, Transport and Waste Safety Division, Radiation Safety and Monitoring Section | Internship-Personal Dosimetry | Vienna |
| **10** | **NSRW2023-04** | Radiation, Transport and Waste Safety Division, Radiation Safety and Monitoring Section | Internship-Radiation Monitoring | Vienna |
| **11** | **NSRW2023-05** | Radiation, Transport and Waste Safety Division, Radiation Safety and Monitoring Section | Internship-Improving the Occupational Radiation Protection Systems in the Latin America and Caribbean region | Vienna |
| **12** | **NSRW2023-06** | Radiation, Transport and Waste Safety Division, Radiation Safety and Monitoring Section | Internship-Supporting radaition protection of people and the environment | Vienna |
| **13** | **NSRW2023-07** | Radiation, Transport and Waste Safety Division, Regulatory Infrastructure and Transport Safety Section  | Internship-Software Support Information Management Systems | Vienna |
| **14** | **NSRW2023-08** | Radiation, Transport and Waste Safety Division, Regulatory Infrastructure and Transport Safety Section  | Internship-Safe transport of radioactive material | Vienna |
| **15** | **NSRW2023-09** | Radiation, Transport and Waste Safety Division, Regulatory Infrastructure and Transport Safety Section  | Internship-Transport safety Analysis of Innovative Rectors SMRs Design | Vienna |
| **16** | **NSRW2023-10** | Radiation, Transport and Waste Safety Division, Regulatory Infrastructure and Transport Safety Section  | Internship-Training material on the safe transport of radioactive material | Vienna |
| **17** | **NSRW2023-11** | Radiation, Transport and Waste Safety Division, Waste and Environmental Safety Section | Internship-Data Collection and Review of the Environmental Releases of Radionuclides | Vienna |
|  |  |  |  |  |
|  | **Department of Nuclear Energy** |
| **No.** | **Reference** | **Organisational location** | **Functional title** | **Duty Station** |
| **1** | **NEFW2023-01** | Division of Nuclear Fuel Cycle and Waste Technology, Decommissioning and Environmental Remediation  | Internship-Decommissioning | Vienna |
| **2** | **NEFW2023-02** | Division of Nuclear Fuel Cycle and Waste Technology, Decommissioning and Environmental Remediation  | Internship-Environmental Remediation | Vienna |
| **3** | **NEFW2023-03** | Division of Nuclear Fuel Cycle and Waste Technology, Nuclear Fuel Cycle and Materials Section | Internship-Fuel Engineering and Fuel Cycle Facilities | Vienna |
| **4** | **NEFW2023-04** | Division of Nuclear Fuel Cycle and Waste Technology, Nuclear Fuel Cycle and Materials Section | Internship-Uranium exploration, Resources and Productions | Vienna |
| **5** | **NEFW2023-05** | Division of Nuclear Fuel Cycle and Waste Technology, Nuclear Fuel Cycle and Materials Section | Internship-Support the implementation of the Research Reactor Fuel Cycle Project | Vienna |
| **6** | **NENP2023-01** | Division of Nuclear Power, Nuclear Power Technology Development Section | Internship-Non-electric Applications of Nuclear Power | Vienna |
| **7** | **NENP2023-02** | Division of Nuclear Power, Nuclear Power Technology Development Section | Internship-Advanced Water-Cooled Reactors Team | Vienna |
| **8** | **NENP2023-03** | Division of Nuclear Power, Nuclear Power Technology Development Section | Internship-Fast Reactor Technology | Vienna |
| **9** | **NENP2023-04** | Division of Nuclear Power, Nuclear Power Technology Engineering Section | Internship-Fusion Technology | Vienna |
| **10** | **NEPIK2023-01** | Division of Energy Planning and Nuclear Information and Knowledge, Nuclear Information Section | Internship-Library and Outreach | Vienna |
| **11** | **NEPIK2023-02** | Division of Energy Planning and Nuclear Information and Knowledge, Nuclear Knowledge Management Section | Internship-Learning and Development | Vienna |
| **12** | **NEPIK2023-03** | Division of Energy Planning and Nuclear Information and Knowledge, Nuclear Systems Support Group | Internship- Nuclear Support System | Vienna |
| **13** | **NEPIK2023-04** | Division of Energy Planning, Information and Knowledge Management, Nuclear Support Systems Group  | Internship-Software Developer | Vienna |
| **14** | **NEPIK2023-05** | Division of Energy Planning and Nuclear Information and Knowledge, Planning and Economic Studies Section | Internship-Supporting 2nd International Conference on Climate Change and the Role of Nuclear Power | Vienna |
| **15** | **NEPIK2023-06** | Division of Energy Planning and Nuclear Information and Knowledge, Planning and Economic Studies Section | Internship-Modelling the Transition to Net Zero Energy Systems | Vienna |