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| International Conference on Fast Reactors and Related Fuel Cycles: Next Generation Nuclear Systems for Sustainable Development (FR17) |
| 26-29 June 2017, Yekaterinburg, Russian Federation |
| Young Generation Event (YGE) –FR17 |
| **Next Generation Nuclear Systems: “The Force Awakens”** |
| **RESEARCH PROPOSAL** |
| **[Author’s name]** |
| **[Submission Date]** |

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| The following research proposal is submitted to the IAEA for the purpose of the Young Generation Event as a part of the International Conference on Fast Reactors and Related Fuel Cycles: Next Generation Nuclear Systems for Sustainable Development (FR17). The IAEA reserves the right to use this proposal for the purpose of the Young Generation Event. |

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| **To be completed by IAEA** Submission code |  |

# Research topic/title

**Short title/topic**

# Introduction

Briefly explain why your work is new/innovative, the purpose of your research and its significance.

Indicate which Sustainable Development Goals SDGs it will target and the thematic track(s) to which it belongs. Highlight the originality of the project and why you think it should be pursued further. Additionally, you can also emphasize the benefits and improvements that your research proposal would bring to the fast reactor & related fuel cycles community and to sustainable development in general.

# Background/Problem Statement

Set the problem statement in a well-defined manner. Has any research already been conducted in this area? What is already known and/or unknown and how do you envision the progression will occur from there.

(If research has already been conducted in this area, please provide a short and selective literature review).

# Goals

Provide at least two to three goals of your research in bullets below:

1. Goal 1
2. Goal 2
3. …

# Details of the Proposed Research

Discuss your method, idea and/or approach. Address it in a manner to be delivered to a specialist, using professional terms and statements in order to keep the proposal precise and to the point. If desired, you can define your proposal step by step by setting expected results and desired achievements for each phase of research to be conducted.

# Research Plan

Please try to indicate a logical timeframe, that you believe will be needed to conduct the research. If your proposal is defined in stages, you can define a timetable for each phase and list sub-activities in that phase. Activities like literature surveys, model preparation, simulation time, etc. can be included in the research plan.

# References

Use APA style for references.