

Idea of “Emulsion School” for Young Researchers hosted by Nagoya University

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Introduction

Nuclear emulsion is a particle tracking detector with excellent spatial resolution, and it is a unique device that can be developed, manufactured, and measured by oneself. Nagoya University has maintained and enhanced its infrastructure as a research and development center supporting various experiments and research using nuclear emulsion films. In order to further develop research using nuclear emulsion in the future, it is essential to train the next generation of researchers.

Idea of “Emulsion School”

The F Laboratory has been conducting various basic practical training, such as emulsion production, development, and microscopic observation, as part of the education of new students. Based on the experience, I propose to hold a camp-style “emulsion school” for young researchers from all over Japan (or the world). Through various seminars and practical training, we will provide opportunities to engage in research using nuclear emulsion.

This poster introduces the emulsion school concept.

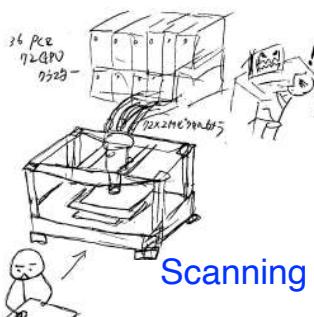
**Conception of
Nagoya University
Nuclear Emulsion Facility
(NUNEF) since 2010**

Emulsion Gel

Film Production

**Experimental
Deployment**

Offline Analysis



Scanning

Photo Development

illustrated by M.Nakamura