# Git for Metrology

This webinar is an introduction to version control, a methodology originating in the world of software development, which provides tools to manage any document or project in a clean, safe, organised and collaborative-ready fashion. Five speakers will give a brief overview of how version control promotes best practices in file management and why metrology is a field particularly well-suited to the adoption of its principles. The webinar focuses on the free "git" software, the most widely used version control system today, teaching its basic tenets, how to install it and start using it right away for personal use or collaborative work. The webinar includes a showcase of metrology projects that are managed successfully with git.

Massimo Pinto (ENEA-INMRI, Italy) will offer an introductory view over software version control and its potentials both for personal and collaborative use.

Frédéric Tessier (NRC, Canada) will delve further in the philosophy behind version control and propose a fundamental mental picture to accelerate git learning.
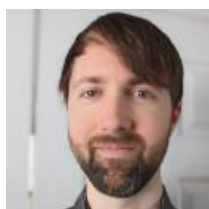
Reid Townson (NRC, Canada) will demonstrate how to actually get started with git, create your first repository and start making "commits".

Romain Coulon (BIPM) will present a case example where git and GitHub are implemented at the Ionizing Radiation Department of the BIPM to properly ensure version control of the database for key comparisons in radionuclide metrology.

Frédéric Meynadier (BIPM) will present the GitLab instance deployed within the Time Department of the BIPM, and how it is used for collaboration with external colleagues, internal development of core softwares, and personal projects.