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Specialised Course on
Heavy Ion Therapy
Research

matRad Installation

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matRad

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Research for a Life without Cancer

dkfz

GERMAN
CANCER RESEARCH CENTER
IN THE HELMHOLTZ ASSOCIATION

matRad for this course:

- matRad is an open-source toolkit for three-dimensional intensity-modulated treatment planning for photons, protons and carbon ions
- (Almost) entirely written in **Matlab**

matRad is primarily intended to be used with a Matlab installation
(R2018b or newer)

Current matRad Release: <https://github.com/e0404/matRad/releases/tag/v2.10.1>

Use within Matlab:

- Download the **Code**
- Run `matRad_rc` from the command line
OR
Start the GUI `matRadGUI`

Use without Matlab:

- Installation requires Admin rights and internet connection
- Download the **Installer** for your system
- Run Installer
→ Will download & install Matlab runtime



www.matrad.org