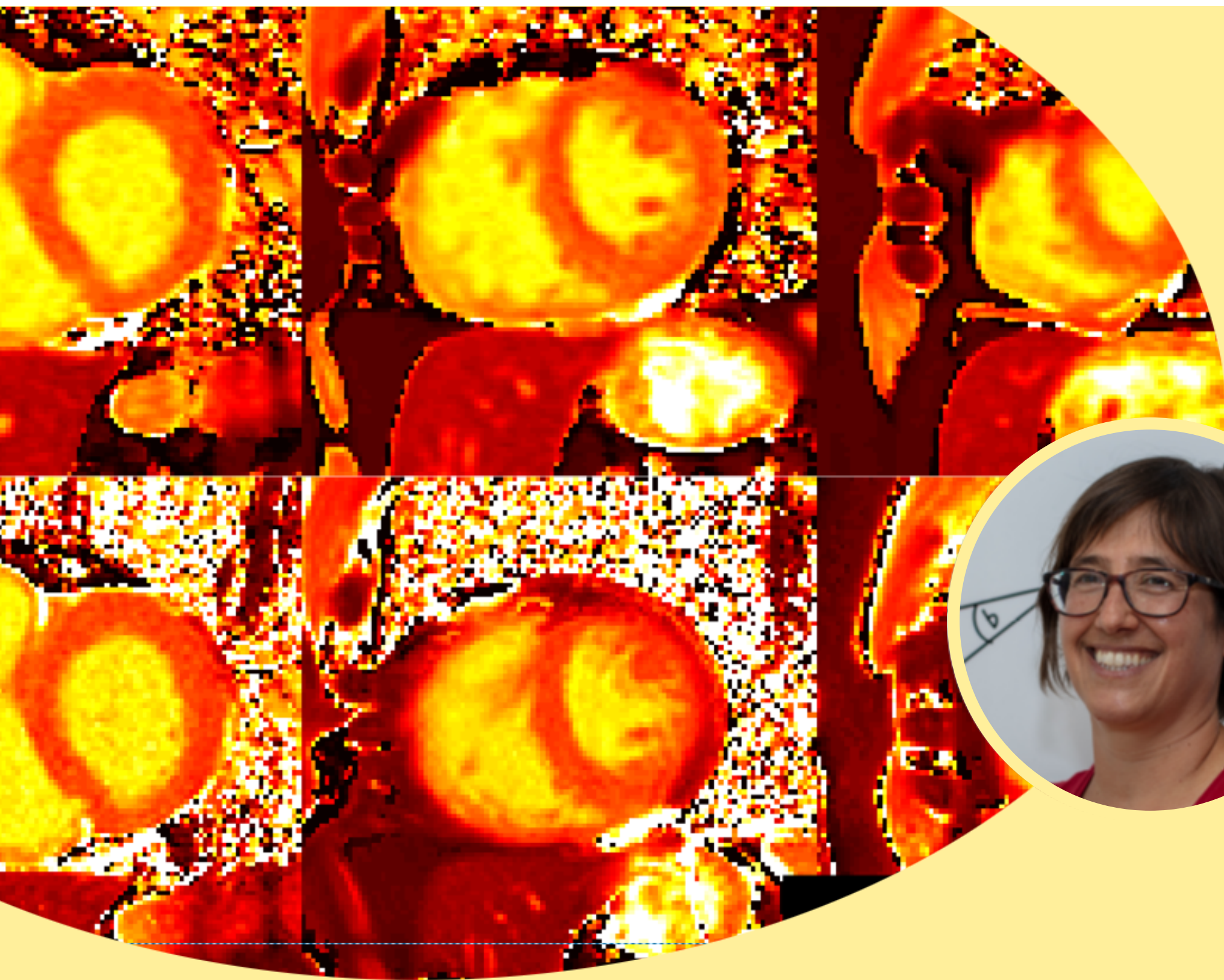


**PHYSICS
SEMINAR**



**Wednesday
March 27
14:00 - 15:00
Room 1.4.14**

**Dr. Rita G.
Nunes**

**LaSEEB - Instituto
Superior Técnico**

Aiming for accessible and truly reproducible quantitative Magnetic Resonance Imaging

There has been a growing interest in using T1-mapping in the clinic to detect myocardial tissue fibrosis as an alternative to the use of contrast agents. However, the reproducibility of T1 measurements across imaging sites is impaired by methodological differences in the acquisition strategies. This talk will present an open-source vendor-agnostic T1 mapping alternative. Further developments will also be presented that can improve patient comfort by reducing the need for breath holding.