

What's New in TETRIS: Educational Webinars, Conferences & Young Researchers Week



Dear All,

We are reaching the end of **Month 18** of the **TETRIS project**, and the **collective** efforts of **all partners** have led to the delivery of the first project results, including key deliverables, scientific publications, and participation in conferences and events.

TETRIS EDUCATIONAL WEBINARS

This lecture

- Basics of predictive models in radiotherapy
- The role of predictive models in the TETRIS project
- Model performance metrics

EC

Summary

- Intro: qIB to assess/predict Tox, why ?
- Extending qIB to Radiomics
- The (still topical) issue of qIB clinical usability, reliability, reproducibility.....
- The philosophy of qIB in TETRIS
- Planning CT & densitometry of lung and heart
- «Simple» vs «Advanced» (multi-centric) qIB analyses

Lambin et al., EJC 2012; 48 (4): 441-446.

AE

We kicked off the **TETRIS Educational Webinar Series** on **22 January 2026** with the session **“Dose-response modelling for normal tissues and model selection strategy”**, delivered by **Eva Onjukka** and **Filippo Schiavo**, from Karolinska University Hospital, Stockholm, and moderated by **Tiziana Rancati**, Project Investigator.

The webinar introduced key methodological concepts in dose-response modelling and marked an important step in promoting knowledge sharing across and beyond the consortium. The session has been recorded and made available on TETRIS [Youtube Channel here](#). To read the news and download the [presentations, click here](#).

The second webinar, held on **27 February 2026**, was presented by **Claudio Fiorino**, from San Raffaele Institute and Vita-Salute San Raffaele University, Milan, who gave insights on “**Methods for assessing quantitative imaging biomarkers (qIB) in breast cancer radiotherapy within the TETRIS project**”.

The session focused on the role of imaging biomarkers in supporting personalised risk assessment and improving the safety of radiotherapy treatments. Also this session has been recorded and made available on TETRIS [Youtube Channel here](#). To read the news and download the [presentation, click here](#).

SCIENTIFIC CONTRIBUTIONS 2026

Cancer Core Europe 10th Annual Meeting & Karolinska CCC Days 2026

The joint Meeting combining the **Cancer Core Europe Annual Meeting 2026** and the **Karolinska CCC Day 2026**, took place on **23-24 March 2026** at Aula Medica, Karolinska Institutet (Stockholm). In the two-day event were featured cutting-edge presentations on cancer prevention, treatment, diagnostics, and research from leading scientists.

For TETRIS, **Eva Onjukka** delivered an overview **presentation of the TETRIS project**, with a focus on the consortium, the importance of personalised follow-up, patients' perspective and how the TETRIS work packages fulfill this aim. She also introduced the large retrospective cohort which will be used in the development of **the software tool** for patient-specific risk scores, as well as an the rich prospective cohort which will be used for the **digital twin prototype**.

Filippo Schiavo presented a **poster** titled **TETRIS WP2: development of a framework for predicting adverse events after breast cancer radiotherapy**. [Read the article here](#).

ESTRO 2026

At the ESTRO 2026 Congress taking place in **Stockholm, Sweden from 15 to 19 May**, under the theme: “**Innovating Radiation Oncology Together**”, for the **TETRIS Project**, Università Vita-Salute San Raffaele (UniSR) and Fondazione IRCCS Istituto Nazionale dei Tumori (INT) will present:

UniSR, poster 1 **CT-based Predictors of Radiation-Induced Pulmonary Toxicity in Breast Cancer Patients**

UniSR, poster 2 **Predictors of cardiotoxicities after hypo-fractionated whole breast Radiotherapy: dependence on the type of cardiac event**

INT, mini-oral **Normal tissue genetically adjusted radiation dose (NT_GARD) for causal inference models of late toxicity after breast cancer radiotherapy**

TETRIS Events

The **first TETRIS Young Researchers Week** will take place at **Politecnico di Milano** from **8 to 12 June 2026**.

This event will bring together early-career and senior researchers involved in the TETRIS project, creating a valuable opportunity to discuss ongoing research activities, exchange knowledge, and strengthen scientific collaboration across the consortium.

The initiative reflects TETRIS's commitment to supporting the next generation of researchers and fostering an open, collaborative research environment.

LAST BUT NOT LEAST...

Please forward this newsletter to your network and anyone who might be interested, and follow us on our Project TETRIS Channels!

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