

# Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences





**Data workshop**: 12 - 13 - 14 September 2022 (see the time schedule below)

Place: University of Niš [address: Univerzitetski trg 2, 18106 Niš]

Organiser: Ghent University - Department Educational Studies

(Prof. dr. Martin Valcke; dr. Britt Adams; Maxime Moens)

Language: English

## What to bring with you?

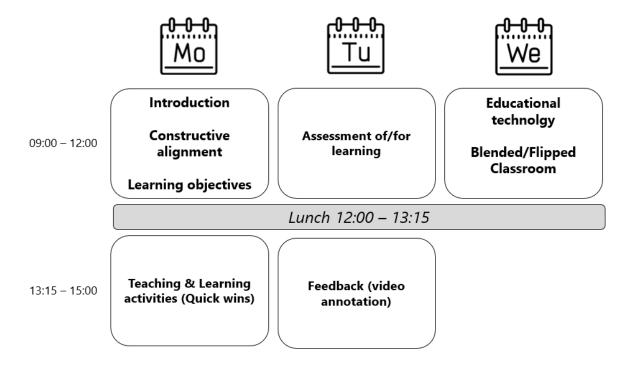
- Laptop (the face-to-face workshop is supported by an online course created on the learning management system of Ghent University – once registered, you will receive an email how to get access to this online part that we will intensively use during the face-to-face workshop too)

Headphone/Earset

\*\*\*

## Active or not? That's the question!

Curious about how students can be activated during lectures, seminars or in the evaluation process? In this workshop you get familiar with (technological) quick wins that encourage your students to think critically, reflect, collaborate with fellow students, etc.



*Monday:* The principle of constructive alignment will be theoretically framed during the Monday session. In short, constructive alignment means that the predetermined learning objectives are in line



# Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences





with the teaching and learning activities as well as the assessment strategies. That is why we will do an exercise related to the construction of learning objectives. When it comes to teaching and learning activities, some quick win activities that can be used during lectures/seminars will be discovered in depth.

Tuesday: As constructive alignment prescribes that learning objectives are in line with assessment strategies too, we zoom in on the difference between assessment of and for learning during the Tuesday session. In particular, attention will be paid to several assessment for learning strategies, going from some formative quick wins (e.g., one-minute paper, quiz) to the use of peer-/self-assessment or portfolio assignments. Tuesday afternoon, the focus will be on giving feedback to students and how the tool 'VideoAnt' can be helpful in this process.

Wednesday: We suddenly became incredibly dependent on technology during the COVID-19 period. During the last day of the workshop, we will discuss how technology can continue to play a role in higher education by zooming in on the use of blended/flipped classroom, knowledge clips, etc.

\*\*\*

#### Short biography of trainers

### Martin Valcke (°1957)

Martin Valcke is full professor in the field of 'Instructional Sciences' at Ghent University, Belgium and Head of the Department of Educational Studies in the Faculty of Psychology and Educational Sciences. Building on his PhD-work in the field of educational information sciences, his actual field of research focuses mainly on the Innovation of Higher Education and the integrated use of Information and Communication Technologies (ICT).

## Britt Adams (°1991)

Britt Adams is a postdoctoral researcher in the Department of Educational Studies at Ghent University, Belgium. From 2018 to 2022, she is working on the Masters of Didactics project, in which she designs, implements and researches a professional development programme aimed at university teachers. Her current research interests lie in the area of professionalisation of higher education teachers.

#### Maxime Moens (°1995)

Maxime Moens is a teaching assistant in the Department of Educational Studies at Ghent University, Belgium. Since 2020, she is working on the Masters of Didactics project, in which she designs, implements and researches a professional development programme aimed at university teachers. Her research interests include the professionalisation of higher education teachers and wellbeing school policies.