



BUDAPEST METROPOLITAN UNIVERSITY  
ERASMUS CREDIT MOBILITY PARTNER

## Nelson Mandela Metropolitan University

STEM – STEAM Education

### Short description:

Nelson Mandela Metropolitan University was founded in 2005, and was officially renamed as Nelson Mandela University on 20 July 2017. It carries and honours the name of South Africa's hero Nelson Mandela. The university's mission is 'to be a dynamic African university, recognised for its leadership in generating cutting-edge knowledge for a sustainable future'. Their goal is to offer a broad range of quality educational opportunities that will make an important and constructive contribution to regional, national and global sustainability.

For more thorough information, visit the following website:  
<https://www.mandela.ac.za/>



### Exchanges:

#### *Staff*

- Incoming staff
  1. Professor Werner Olivier  
from 05/12/2016 to 09/12/2016
  2. Philip Godfrey Collett  
from 05-12-2016 to 09-12-2016
  3. Anton Olivier Werner  
from 04-12-2017 to 08-12-2017

NELSON MANDELA  
UNIVERSITY

### *Let's introduce...*

*Professor Werner is a Maths professor at the Nelson Mandela University in Port Elizabeth South Africa. He's also the director of the Govan Mbeki Mathematics Development Centre (GMMDC) at the same university. The GMMDC develops and implements innovative technology-assisted models to improve the quality of mathematics and science teaching and learning in high schools. The centre also promotes STEAM education and the use of GeoGebra in school education.*

*His main motivation for going through with the ICM program was for him to „share the South African educational experiences/challenges and to learn more from the modern and rich experiences of the international education experts in Budapest and elsewhere. The main motivation was to learn how educational models could be customized to contribute towards better and more effective support platforms for the T&L of mathematics and sciences in secondary schools.”*

*Professor Werner further values sharing educational experiences across cultural and socio-economical boundaries. During his mobility he had the opportunity to perform lots of activities, a few of them being: performing research presentations, mathematics skills development activities, and having the opportunity to share their best educational practices.*

*For future participants, professor Werner has the following message: „This opportunity come highly recommended if goals and experiences of academic programmes of host institutions are aligned. ICM has great potential to serve as a platform for larger and more sustainable international research and development collaboration.”*

- Outgoing staff

1. György Túry  
from 21-05-2018 to 28-05-2018
2. Gariella Uhl  
from 21-05-2018 to 28-05-2018