



Agenda Summer Course TMMA

Summer Course June 2015

DESIRE

Development of Embedded System Courses with implementation of Innovative Virtual approaches for integration of Research, Education and Production in UA, GE, AM



Thomas More University College

Sint-Katelijne-Waver

June 04 - 20 / 2015

Agenda Summer Course TMMA

Agenda

All trainings will be held at the premises of Technology Campus De Nayer, Jan Pieter De Nayerlaan 5, 2860 Sint-Katelijne-Waver.

Wednesday 10/06/2015 & Wednesday 17/06/2015: stamp days: bring all official papers which need stamping.

Sunday 07/06/2015:

Arrival guests in Antwerp.

Monday 08/06/2015

Pick-up guest by Dirk Van Merode:

8h00 Ibis Styles Hotel

8h10 Century Hotel

8h36 train to Sint-Katelijne-Waver (platform 11, 12, 13 or 14).

Campus De Nayer - Room A118

09h15 - 09h35: Welcoming words by

Ing. Dirk Van Merode MSc. - project coordinator

Ing. Hilde Jansen MSc. – Head of Education, Electronics – ICT

Drs. Ing. Patrick Pelgrims MSc. – Head of the EmSys Research Group

09h35 - 10h45: Formula Flowcode Buggy – Bart Huyskens BSc.

10h45 - 11h00: Coffee Break

11h00 - 12h30: Formula Flowcode Buggy – Bart Huyskens BSc.

12h30 - 13h30: Lunch Break + financial administration

13h30 - 15h00: Formula Flowcode Buggy – Bart Huyskens BSc.

15h00 - 15h15: Coffee Break

15h15 - 16h45: Formula Flowcode Buggy – Bart Huyskens BSc.

17h00 train to Antwerp (platform 3).

Tuesday 09/06/2015

8h36 train to Sint-Katelijne-Waver.

Campus De Nayer - Room A208

Agenda Summer Course TMMA

09h15 - 09h35: Welcoming words by

Agnes Dillien - International Relations Manager at Thomas More UC

09h35 - 10h45: MCAD Course Guide – Dr. Ing. Peter Arras PhD.

10h45 - 11h00: Coffee Break

11h00 - 12h30: CREO Workshop – Dr. Ing. Peter Arras PhD.

12h30 - 13h30: Lunch Break

13h30 - 15h00: CREO Workshop – Dr. Ing. Peter Arras PhD.

15h00 - 15h15: Coffee Break

15h15 - 16h45: CREO Workshop – Dr. Ing. Peter Arras PhD.

17h00 train to Antwerp.

Wednesday 10/06/2015

8h36 train to Sint-Katelijne-Waver.

Campus De Nayer - Room A118

09h15 - 10h45: ECAD Course Guide – Ing. Dirk Van Merode MSc.

10h45 - 11h00: Coffee Break

11h00 - 12h30: Altium Workshop – Ing. Dirk Van Merode MSc. / Jurre De Weerd BSc.

12h30 - 13h30: Lunch Break

13h30 - 15h00: Altium Workshop – Ing. Dirk Van Merode MSc. / Jurre De Weerd BSc.

15h00 - 15h15: Coffee Break

15h15 - 16h45: Altium Workshop – Ing. Dirk Van Merode MSc. / Jurre De Weerd BSc.

17h00 train to Antwerp.

Agenda Summer Course TMMA

Thursday 11/06/2015

8h36 train to Sint-Katelijne-Waver.

Campus De Nayer - **Room F114**

Altium Academic Roadshow – Transfer

(www.transfer.nl)

09h00 Registration

09h30 Welcome / Introduction

- Schematic Entry (Altium)

- High-level features
- Repeat
- Busses/Harnesses
- Re-use
- Version control

- Vaults/Library Management (Altium)

- Database Library
- Vaults Library Management
- Supplier links
- Release management

- Analog simulation - PCB Design (Altium)

- Integration ECAD - MCAD 3D
- Release Configurations and Altium Vaults
- Flex and Flex-Rigid designs
- High Density/High speed/Signal Integrity
- Output Job files
- 3D PDF

12h30 Lunch

- Introduction Boundary-scan (JTAG)

- Test generation

- Boundary-scan application development using ProVision (JTAG)

- Testability check
- First prototype test in the engineering phase

Agenda Summer Course TMMA

- Hardware validation
- Production Test

16h45 Questions and answers

17h00 Closing drink.

Train to Antwerp or Mechelen

Friday 12/06/2015

7h36 train to Sint-Katelijne-Waver (Antwerp)

7h52 train to Sint-Katelijne-Waver (Mechelen)

08h10 - 10h00: Bus trip to Poperinge

10h00 - 12h00: Visit Page Assembly Plant – Design for Manufacturing

12h00 - 13h00: Lunch

13h00 - 14h30: Visit Sint-Bernardus Brewery

15h00 - 17h00: Tour in historical city of Ieper

17h00 - 19h00: Bus trip to Sint-Katelijne-Waver

Saturday 13/06/2015

Free time

Sunday 14/06/2015

Free time

Monday 15/06/2015

8h36 train to Sint-Katelijne-Waver (Antwerp)

8h52 train to Sint-Katelijne-Waver (Mechelen)

Room A118

09h15 - 10h45: C for Embedded Systems – Ir. Sofie Beerens MSc.

10h45 - 11h00: Coffee Break

11h00 - 12h30: C for Embedded Systems – Ir. Sofie Beerens MSc.

12h30 - 13h30: Lunch Break

13h30 - 15h00 Embedded Communication – Ing. Bart Tanghe MSc.

Agenda Summer Course TMMA

15h00 - 15h15: Coffee Break

15h15 - 16h45: Embedded Communication – Ing. Bart Tanghe MSc.

Tuesday 16/06/2015

8h36 train to Sint-Katelijne-Waver (Antwerp)

8h52 train to Sint-Katelijne-Waver (Mechelen)

Room A118

09h15 - 10h45: Embedded Software – Ing. Wim Dams MSc.

10h45 - 11h00: Coffee Break

11h00 - 12h30: Embedded Software – Ing. Wim Dams MSc.

12h30 - 13h30: Lunch Break

13h30 - 15h00: EmSys Research Group – Drs. Ing. Patrick Pelgrims MSc.

15h30 - 15h35: Train to Mechelen

15h35 - 18h35: Guided tour in historical city of Mechelen – Dr. Ir. Dirk Vanhecke

Wednesday 17/06/2015

8h36 train to Sint-Katelijne-Waver (Antwerp)

8h52 train to Sint-Katelijne-Waver (Mechelen)

Room A118

09h15 - 10h45: Digital Signal Processing – Ing. Johan Van Bauwel MSc.

10h45 - 11h00: Coffee Break

11h00 - 12h30: Digital Signal Processing – Ing. Johan Van Bauwel MSc.

12h30 - 13h30: Lunch Break

13h30 - 15h00: Multicore Programming – Ing. Lars Struyf MSc.

15h00 - 15h15: Coffee Break

15h15 - 16h45: Multicore Programming – Ing. Lars Struyf MSc.

Thursday 18/06/2015

8h36 train to Sint-Katelijne-Waver (Antwerp)

8h52 train to Sint-Katelijne-Waver (Mechelen)

Agenda Summer Course TMMA

Room A118

09h15 - 10h45: Embedded Operating Systems – Ing. Bart Tanghe MSc.

10h45 - 11h00: Coffee Break

11h00 - 12h30: Embedded Operating Systems – Ing. Bart Tanghe MSc.

12h30 - 13h30: Lunch Break

13h30 - 15h00: Embedded Operating Systems – Ing. Bart Tanghe MSc.

15h00 - 15h15: Coffee Break

15h15 - 16h45: Embedded Operating Systems – Ing. Bart Tanghe MSc.

17h00 Social Event

- Presented by the Daily Management Board, Galyna Tabunshchyck, Peter Arras, Dirk Van Merode
- Welcoming words by Martine Taeymans, PhD – Thomas More – Unit manager of Technology Campus De Nayer.
- Welcoming words by Dr. Ir. Joan De Boeck – Thomas More - Head of Research
- Welcoming words by Prof. Bert Lauwers – KU Leuven - Head of Technology Campus De Nayer

Friday 19/06/2015

9h05 train to Sint-Katelijne-Waver (Antwerp)

9h21 train to Sint-Katelijne-Waver (Mechelen)

F114 Campus De Nayer

09h45 - 11h45: partner presentations on course implementation WP5 – pilot teaching – all partners

11h45 - 12h00: Coffee Break

12h00 - 12h30: Planning of 2015 – 2016 – Dirk Van Merode

12h30 - 13h00: Presentation of the gained certificates – Patrick Pelgrims & Dirk Van Merode

13h00 - 13h20: Final discussions & good bye.

Afternoon: Free time

Saturday 20/06/2015

Departure guests

Agenda Summer Course TMMA

List of participants

	University	Contact Data	Function
1	Thomas More University College J.P. De Nayerlaan 5 2860 Sint Katelijne Waver Belgium	Dirk Van Merode Tel. + 32 15 31 69 44 Mob. +32 496 26 84 15 dirk.vanmerode@thomasmore.be skype: dirkvanmerode	International Coordinator Research Engineer EmSys
2	KU Leuven – campus De Nayer J.P. De Nayerlaan 5 2860 Sint Katelijne Waver Belgium	Peter Arras Tel. + 32 15 31 69 44 Mob. +32 486 52 81 96 Peter.arras@kuleuven.be skype: pfjlaras	International Relations Officer Division Design&Production
3	Thomas More University College J.P. De Nayerlaan 5 2860 Sint Katelijne Waver Belgium	Johan Van Bauwel Tel. + 32 15 31 69 44 johan.vanbauwel@thomasmore.be	Research Engineer EmSys Lecturer Electronics -ICT
4	Thomas More University College J.P. De Nayerlaan 5 2860 Sint Katelijne Waver Belgium	Wim Dams Tel. + 32 15 31 69 44 wim.dams@thomasmore.be	Research Engineer EmSys Lecturer Electronics -ICT
5	Thomas More University College J.P. De Nayerlaan 5 2860 Sint Katelijne Waver Belgium	Sofie Beerens Tel. + 32 15 31 69 44 sofie.beerens@thomasmore.be	Research Engineer EmSys Lecturer Electronics -ICT
6	Thomas More University College J.P. De Nayerlaan 5 2860 Sint Katelijne Waver Belgium	Lars Struyf Tel. + 32 15 31 69 44 lars.struyf@thomasmore.be	Research Engineer EmSys Lecturer Electronics -ICT
7	Thomas More University College J.P. De Nayerlaan 5 2860 Sint Katelijne Waver Belgium	Bart Tanghe Tel. + 32 15 31 69 44 bart.tanghe@thomasmore.be	Research Engineer EmSys Lecturer Electronics -ICT
8	Thomas More University College J.P. De Nayerlaan 5 2860 Sint Katelijne Waver Belgium	Patrick Pelgrims Tel. + 32 15 31 69 44 patrick.pelgrims@thomasmore.be	Head of EmSys Lecturer Electronics -ICT

Agenda Summer Course TMMA

9	Thomas More University College J.P. De Nayerlaan 5 2860 Sint Katelijne Waver Belgium	Jurre De Weerd Tel. + 32 15 31 69 44 jurre.deweerd@thomasmore.be	Research Engineer EmSys Lecturer Electronics -ICT
10	Constantine the Philosopher University Tr. A. Hlinku 1 94974 Nitra Slovakije	Peter Kuna Tel. skype:	
11	Zaporizhzhya National Technical University Zhukovskogo 64 69063 Zaporizhzhya Ukraine	Galyna Tabunshchik Tel. +380973798276 galina.tabunshchik@gmail.com	Assoc. Professor
12	Zaporizhzhya National Technical University Zhukovskogo 64 69063 Zaporizhzhya Ukraine	Anzhelika Parkhomenko Tel. +38 0684461774 parhom@zntu.edu.ua	Assoc. Professor
13	Zaporizhzhya National Technical University Zhukovskogo 64 69063 Zaporizhzhya Ukraine	Sergiy Byelikov Tel. +380676100550 rector@zntu.edu.ua	Rector - Professor
14	Zaporizhzhya National Technical University Zhukovskogo 64 69063 Zaporizhzhya Ukraine	Andriy Parkhomenko Tel. +380684471370 parhom@zntu.edu.ua	Assoc. Professor
15	Donbass State Engineering Academy Shkadinova 72 84313 Kramatorsk Ukraine	Oleksandr Tarasov Tel. +38 0626418655 Mob. +38 05047226616 tarasov50@inbox.ru	Professor, Doctor of technical sciences, Head of the Computer and information technology department
16	Donbass State Engineering Academy Shkadinova 72 84313 Kramatorsk Ukraine	Pavlo Sahaida Tel. +38 0502384665 paulsagayda@ukr.net	Assoc. Prof. of the Computer and information technology department
17	Donbass State Engineering Academy Shkadinova 72 84313 Kramatorsk	Oleksii Sheremet Tel. +38 0999128775	Assoc. Prof. of the Electromechanical systems of automation

Agenda Summer Course TMMA

	Ukraine	sheremet-a@mail.ru	department
18	Borys Grinchenko Kyiv University Vorovskogo Street 18/2 04053 Kyiv Ukraine	Nataliia Morze Tel. +38 0442721846 n.morze@kmpu.edu.ua	Vice-rector on ICT (Information and Communication Technologies)
19	Borys Grinchenko Kyiv University Vorovskogo Street 18/2 04053 Kyiv Ukraine	Liliia Varchenko Tel. +380939656999 l.varchenko@kubg.edu.ua	Lecturer Department of Informatics
20	Borys Grinchenko Kyiv University Vorovskogo Street 18/2 04053 Kyiv Ukraine	Mariia Gladun Tel. +380938933531 m.gladun@kubg.edu.ua	Lecturer Department of Informatics
21	National Polytechnic University of Armenia Teryan 105 0009 Yerevan Armenia	Serob Muradyan Tel. +374 98 30 11 69 serobm@gmail.com	Lecturer at the chair of Microelectronics and biomedical devices
22	National Polytechnic University of Armenia Teryan 105 0009 Yerevan Armenia	Vachagan Melkonyan Tel. +37495389020 vachagan.melkonianprog@gmail.com	Researcher of the Electronics Chair
23	National Polytechnic University of Armenia Teryan 105 0009 Yerevan Armenia	Gohar Sargsyan Tel. +37493 195925 gohsar65@gmail.com	Associate Professor of the Computer Systems and Network chair
24	National University of Architecture and Construction of Armenia Teryan 105 0009 Yerevan Armenia	Gohar Avetisyan Tel. +374 98 48 44 42 avetissian_goga@yahoo.com	Deputy Head of Department "Informatics, computer science and managing systems"
25	National University of Architecture and Construction of Armenia Teryan 105 0009 Yerevan Armenia	Azat Smbatyan Tel. +37455788077 azatsmbatyan@gmail.com	Researcher, trainer

Agenda Summer Course TMMA

26	National University of Architecture and Construction of Armenia Teryan 105 0009 Yerevan Armenia	Shushan Nigoyan Tel. + 37495072747 shushan.nigoyan@gmail.com	Researcher, trainer
27	National University of Architecture and Construction of Armenia Teryan 105 0009 Yerevan Armenia	Hasmik Hakobyan Tel. +37494811002 mailtohakobyan@gmail.com	Researcher, trainer
28	National University of Architecture and Construction of Armenia Teryan 105 0009 Yerevan Armenia	Arkadi Barkhudaryan Tel. +37477794030 arkadi.barkhudaryan@yahoo.com	Researcher, trainer
29	Georgian Technical University Kostava street 77 0175 Tbilisi Georgia	Ia Mosashvili Tel. +995 593 33 00 05461 i_mosashvili@gtu.ge	Associate Professor
30	Georgian Technical University Kostava street 77 0175 Tbilisi Georgia	David Mkheidze Tel. +995 593 39 34 56 d_mkheidze@gtu.ge	Invited Associate Professor
31	Ivane Javakhishvili Tbilisi State University Ilia Chavchavadze Ave. 3 0179 Tbilisi Georgia	Giorgi Ghvedashvili Tel. +995 577 595 778 giorgi.ghvedashvili@tsu.ge	Professor, Head of Department of Scientific R&D
32	Ivane Javakhishvili Tbilisi State University Ilia Chavchavadze Ave. 3 0179 Tbilisi Georgia	David Kakulia Tel. +995 599 679 835 davit.kakulia@tsu.ge	Associate Professor
33	Ivane Javakhishvili Tbilisi State University Ilia Chavchavadze Ave. 3 0179 Tbilisi Georgia	Zurab Shermadini Tel. +995 551 15 83 37 shermadini@gmail.com	Invited Lecturer at Department of EEE
34	Yerevan Telecommunication Research Institute Dzoprapi 26	Mkhitar Sargsyan Tel. +37496798788	programmer of YeTRI

Agenda Summer Course TMMA

	0015 Yerevan Armenia	mkhitorsargsyan@gmail.com	
35	Yerevan Telecommunication Research Institute Dzoprapi 26 0015 Yerevan Armenia	Areg Kamalyan Tel. +37493402826 areg-93@mail.ru	Researcher, programmer
36	Yerevan Telecommunication Research Institute Dzoprapi 26 0015 Yerevan Armenia	Asya Turmanyanyan Tel. +37493343557 asyaharutyunyan@yandex.ru	Researcher, trainer
37	Yerevan Telecommunication Research Institute Dzoprapi 26 0015 Yerevan Armenia	Hasmik Sayadyan Tel. +37491790003 astgho@yahoo.com	Researcher, trainer



Tempus



Agenda Summer Course TMMA

Venue Map

Century***

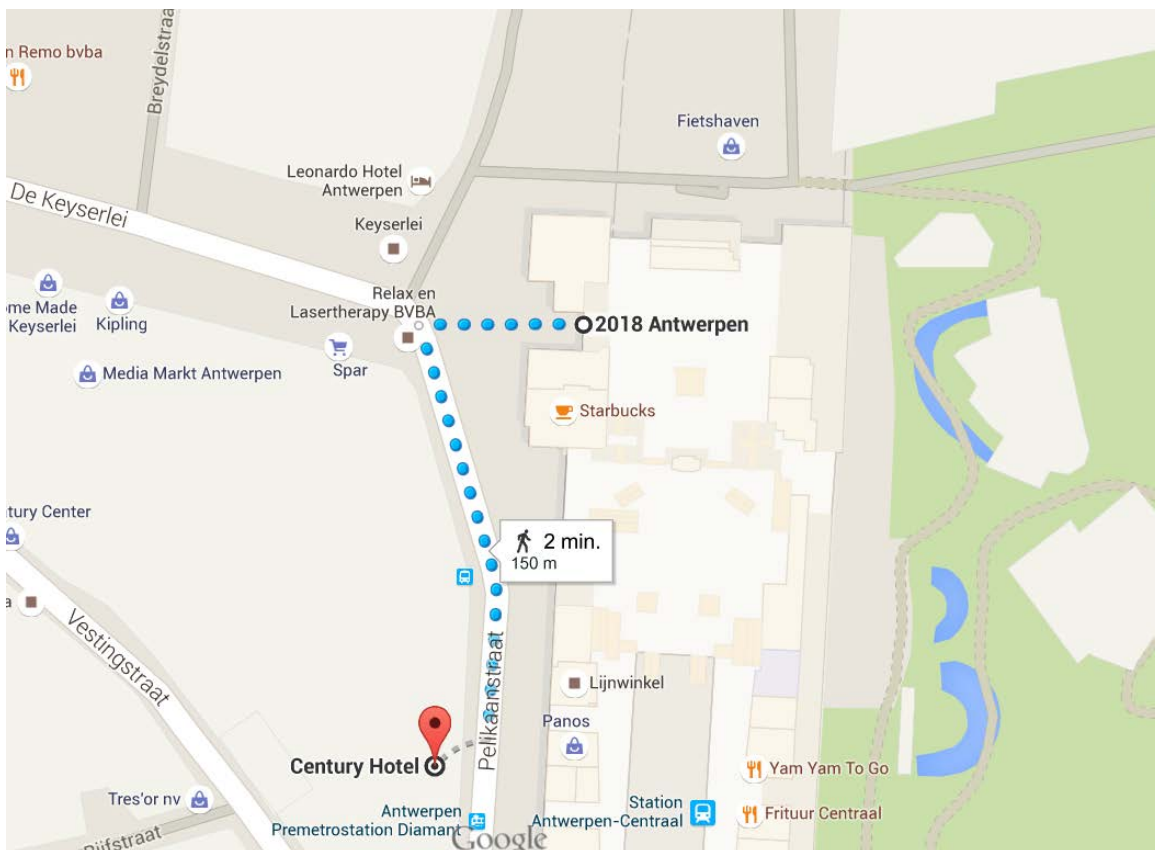
Pelikaanstraat 20

2018 Antwerpen

Tel. +32 (0) 3 232 58 70

Fax. +32 (0) 3 222 90 85

century@demahotels.be



Agenda Summer Course TMMA

City Styles***

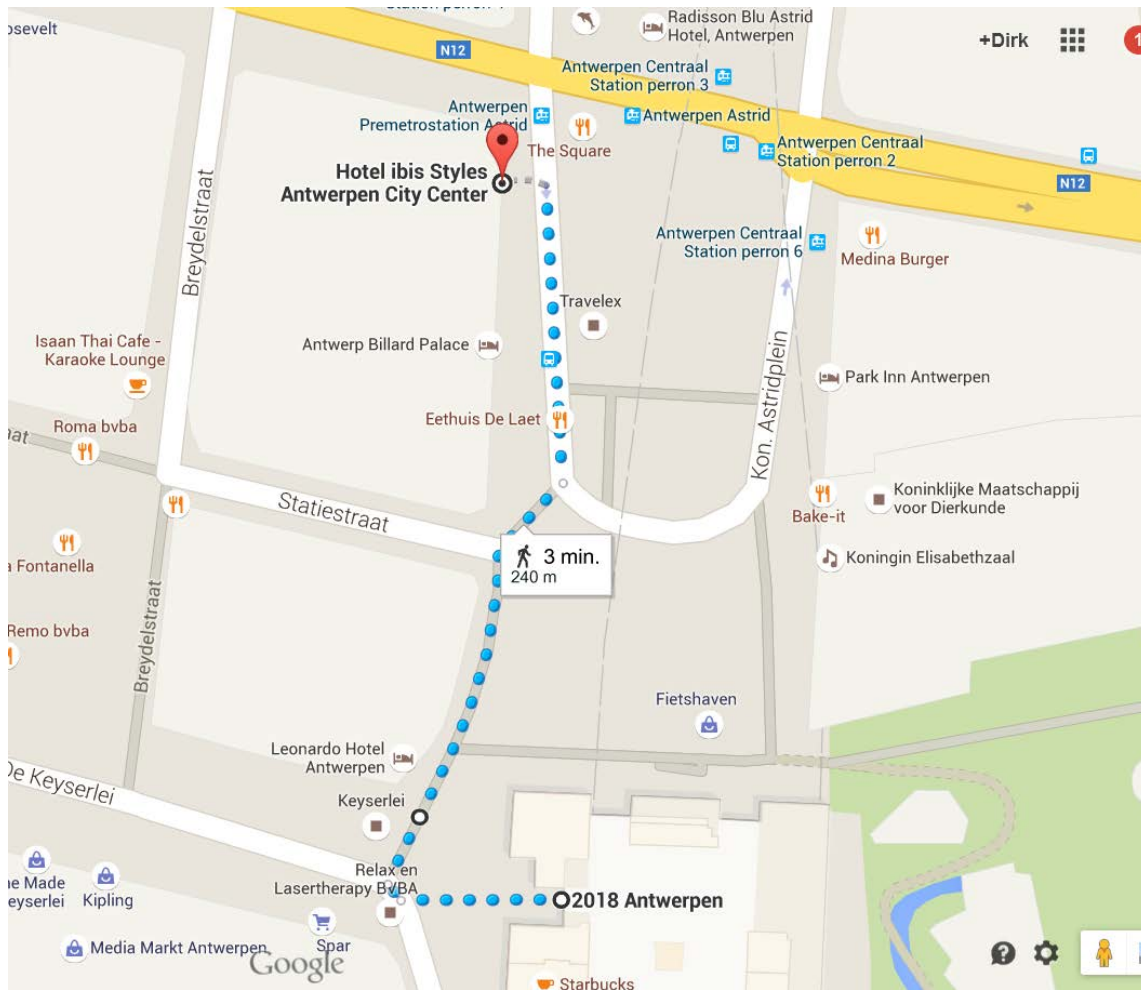
Koningin Astridplein 43

2018 Antwerpen

Tel. (+32)3/6094444

Fax. (+32)3/6094499

H8023@accor.com





Tempus

DesIRE



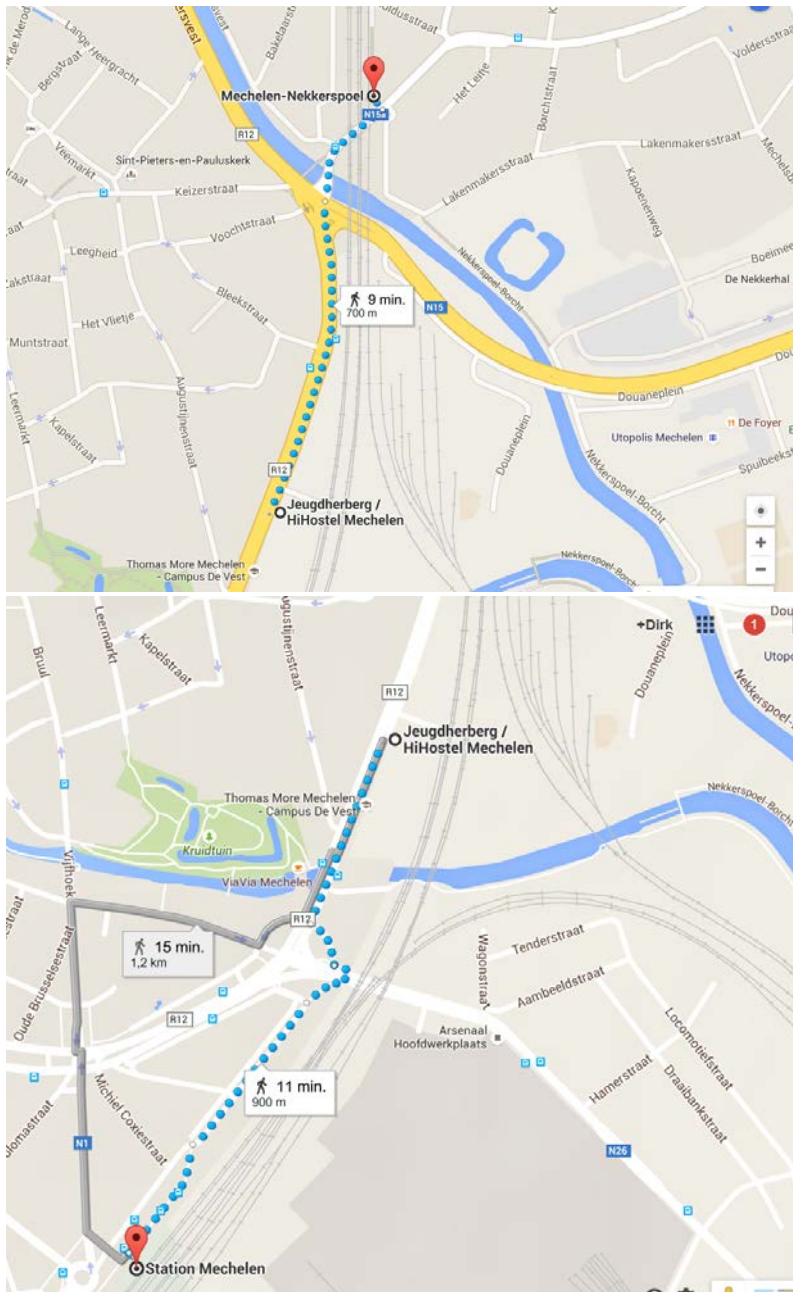
Agenda Summer Course TMMA

Youth Hostel Mechelen

Zandpoortvest 70

2800 Mechelen

www.mechelen-hostel.com/en



Agenda Summer Course TMMA

Thomas More – Campus De Nayer
Jan Pieter De Nayerlaan 5
2860 Sint-Katelijne-Waver
Tel. + 32 15 31 69 44

