



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

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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.

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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

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- 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.

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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)

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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 Dr. Ir. Joan De Boeck – Thomas More - Head of Department
Technology & Design
- Welcoming words by Prof. Bert Lauwers – KU Leuven - Head of Technology Campus De
Nayer

Friday 19/06/2015

9h36 train to Sint-Katelijne-Waver (Antwerp)

9h52 train to Sint-Katelijne-Waver (Mechelen)

Foyer Campus De Nayer

10h15 - 12h45: Campus tour – PCC De Nayer – Automotive Technology – Welding Center –
3D print shop

12h45 - 13h45: Lunch

13h45 - 15h45: partner presentations on course implementation WP5 – pilot teaching – all
partners

15h45 - 16h00: Coffee Break

16h00 - 16h30: Planning of 2015 – 2016 – Dirk Van Merode

16h30 - 17h00: Presentation of the gained certificates – Patrick Pelgrims & Dirk Van Merode

17h00 - 17h20: Final discussions & good bye.



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Saturday 20/06/2015

Departure guests

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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

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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

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	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

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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

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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



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Venue Map

Century***

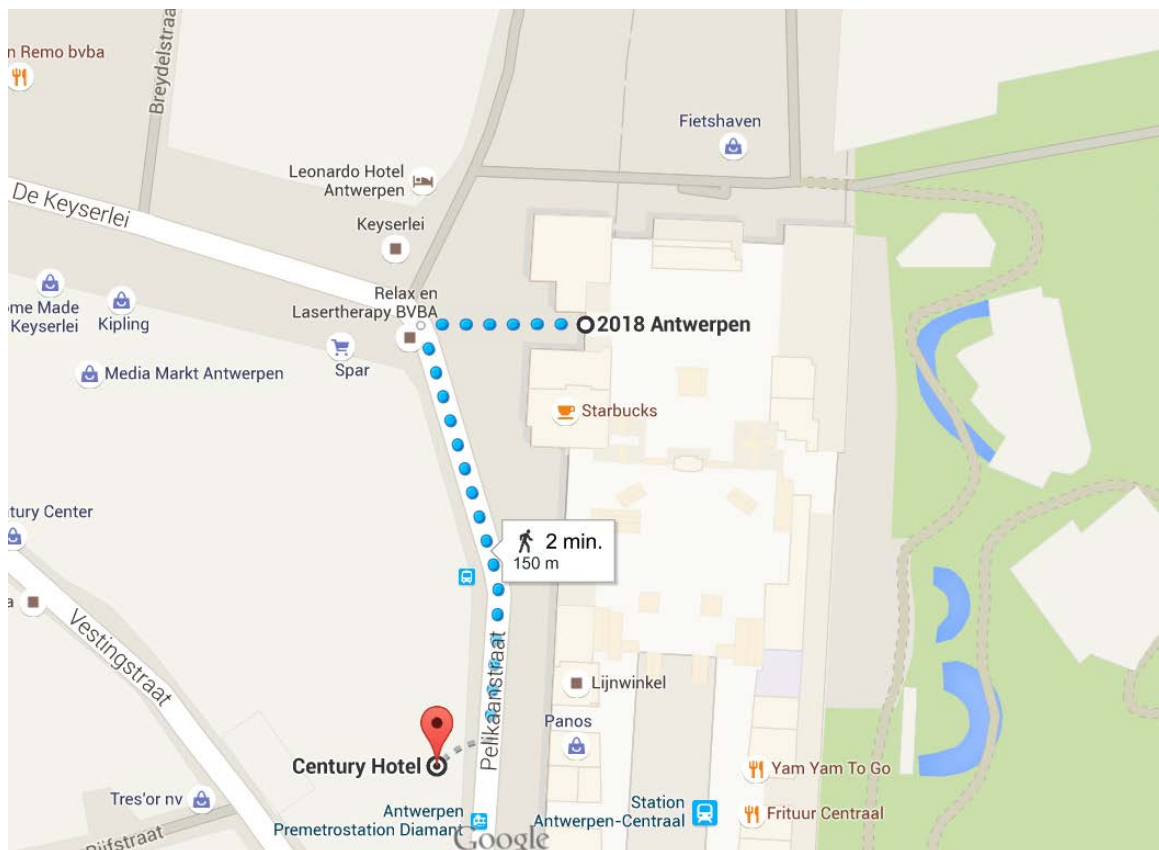
Pelikaanstraat 20

2018 Antwerpen

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Fax. +32 (0) 3 222 90 85

century@demahotels.be



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City Styles***

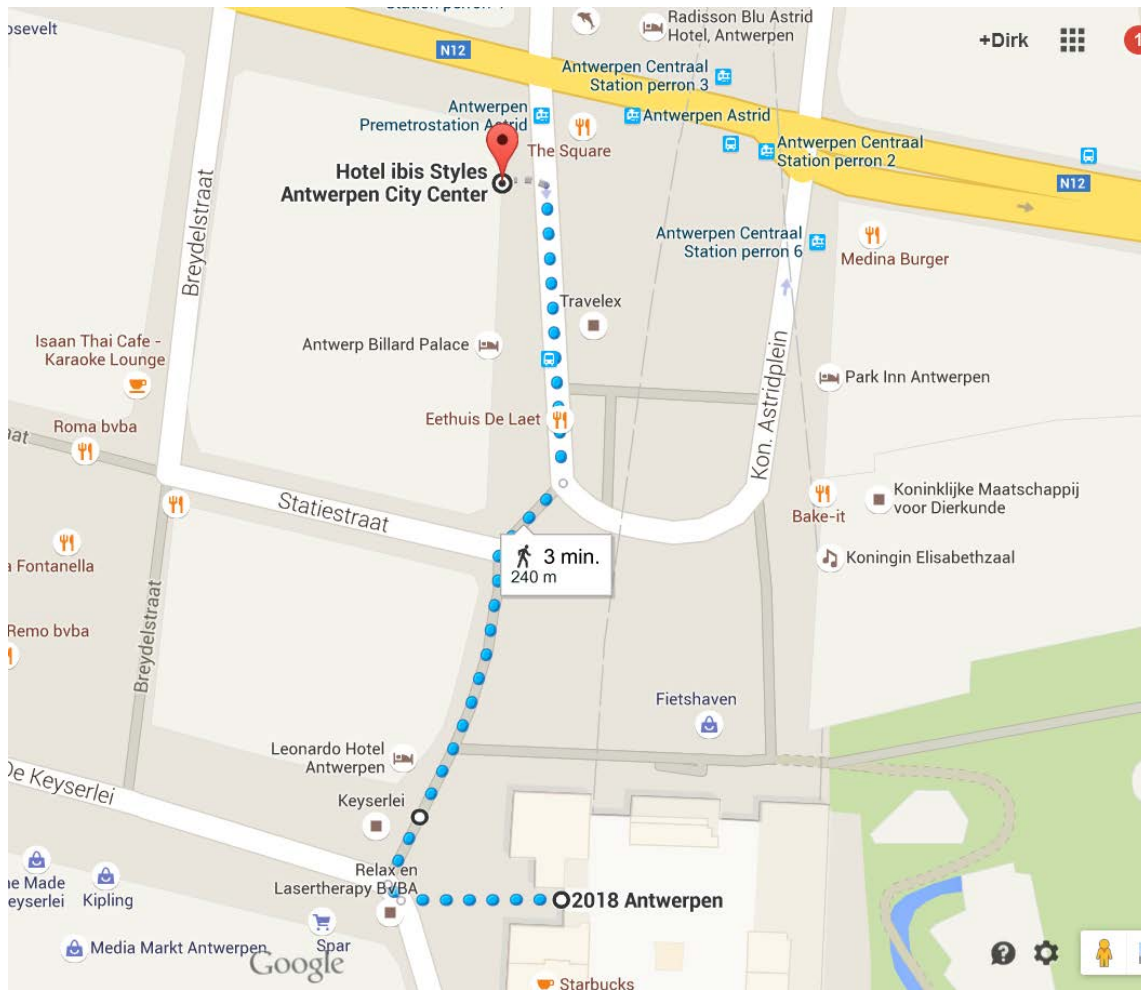
Koningin Astridplein 43

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DesIRE



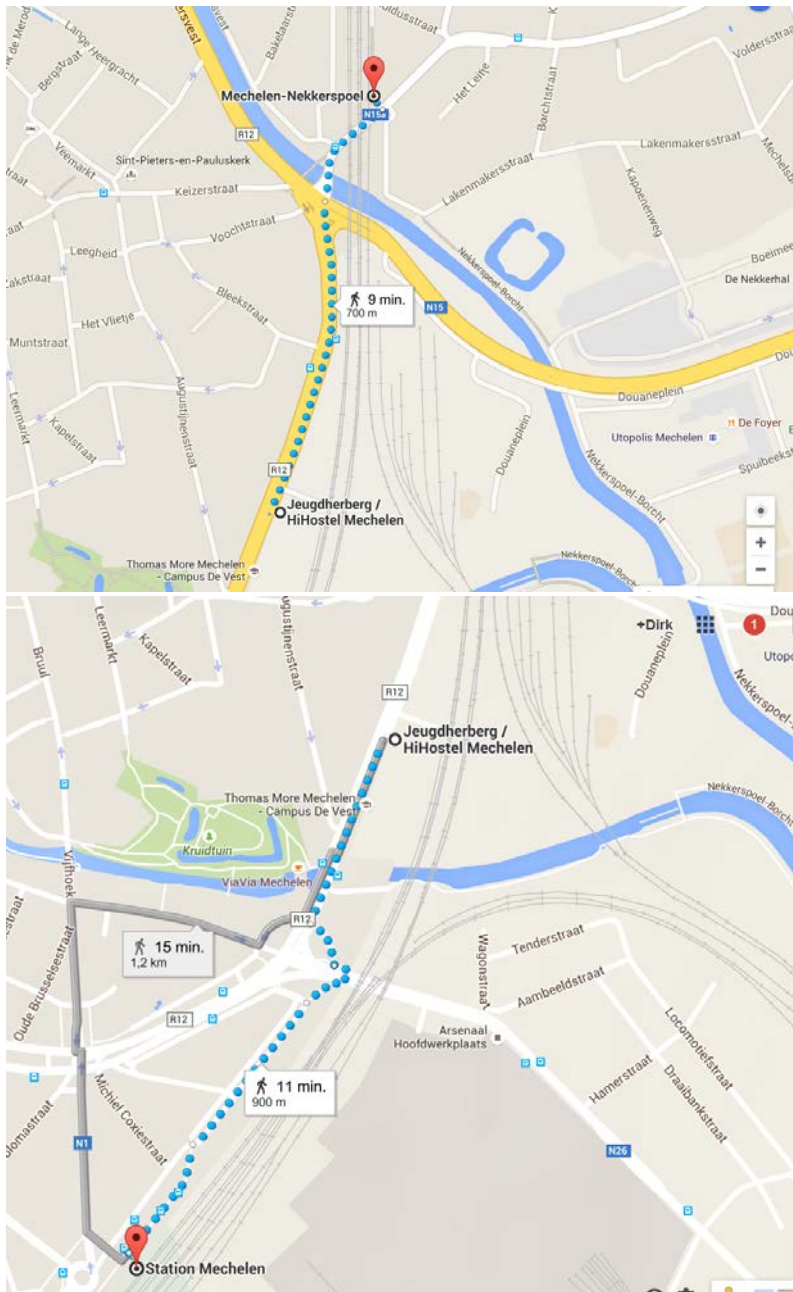
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Youth Hostel Mechelen

Zandpoortvest 70

2800 Mechelen

www.mechelen-hostel.com/en



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