






















Chapter 8

Travel Schedule

Van 1	Van 2	Van 3
8 p	11 p + MartinW	8p Extended
Tomas	Tom	Joost
Pieter van Vugt	Bram Julsing	Arnout Smeenge
Danny Haak	Henri de Jong	Martin Tijmes
Roderick	Teacher	Teacher

Table 8.1: Which People have to travel in which vans

 Drive with our lovely Vans	 Drive by Bus
 Drive long distance with our lovely Vans	 Something with H2O
 No Comment	 Underground
 Benewagen	
 Hotel	 Hostel
 Check out	 Guy with keys
 Wake up time	 Go to bed time
 BBQ	 Beer or Grolsch
 Breakfast	 Lunch
 Dinner	
 Company	 Daily Report
 Tourist	



8.1 Saturday June 16

Today we will start our great journey. Somewhere in the night we will leave Enschede by bus, and after a few hours driving we will arrive at Schiphol airport. Wait another few boring hours and then board our plane, a nice Airbus A310-100 which will bring us to the other side of the ocean. Your backpack will require some toys to entertain yourself for a lot of hours, so don't forget to put your ear-plugs, a good book, passport and other stuff you like in your bag. For Danny Haak today will be very special because it's his birthday. Probably his longest birthday ever!



















Figure 8.1: Airbus A310-300 airliner

- Engines : 2 General Electric CF6-80C2
- Fuel Capacity : between 61.070 & 75.470 litres
- Weight : empty 81,205kg
- Cruising speed : Mach 0.80 (850 km/h)
- Length : 46.66 meter, Wingspan : 43.9 meter
- Maximum range : 9.500 km (5.150 nautic miles)

Bond Place Hotel
55 Dundas Street East
Toronto, Ontario
(416) 362-6061

Tomorrow we will visit the Niagara Falls: pack your bags for the trip. It could get wet there, so if you packed your raincoat, you might want to take it with you. It is not allowed to bring barrels with you.

		Bram Julsing
0130		Gather at Hogekamp Building
0200		Boarding Bus to Schiphol
0230		Leaving Enschede
0400		Check in opens at Terminal 3
0700		Boarding aircraft (TS 539)
0755		Take-Off
0800		Turn clock 6 hours back
0210		Sleep well
1005		Arrival at Toronto airport
1100		5 people will go to Owasco for the car rental pickup from Terminal 3
1100		Go to ticket office
1115		Bus 192 to Kipling Station, Green line to Bloor-Jorge, Yellow line to Dundas
1145		Check in at hotel
1200		Free time: being the Toronto tourist. Tips: walk through the center, Eaton Centre, City
1230		Individual lunch
1700		Meet at the hotel
1800		Group dinner
1930		Free time
1930		Joost

8.2 Sunday June 17

Even though we arrived in Toronto yesterday, we already hop in the car with everything we have and drive along Lake Ontario until we reach the Niagara Falls region. Throw your bags at the hostel, get your raincoat out (at least if you brought it with you) and we'll be the new Dutch Japanese delegation making a tremendous amount of pictures at the world famous Falls. Don't spend too much on souvenirs yet, because you don't know if and how much money you will gain at the casino!

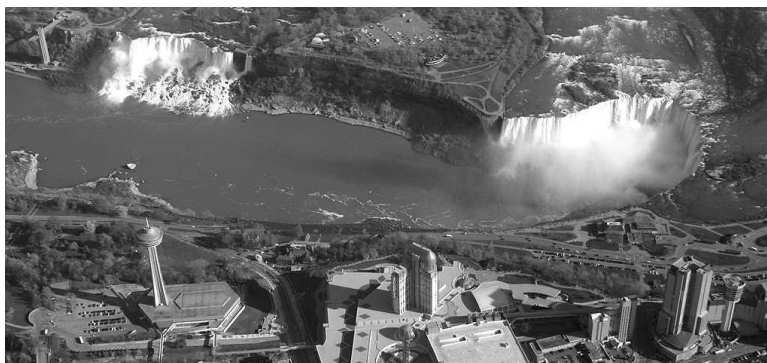


















Figure 8.2: Aerial view of the Niagara falls

- Height: 51 meter
- Waterflow: 5720 cubic meter per second
- Niagara simply means "The Strait" in the Iroquois tribe language
- Did you know they turned the American falls off in 1969?

Hi Hostel Niagara Falls
4549 Catarac(t) Avenue
Niagara Falls, Ontario
(905) 357-0770

Tomorrow we will learn how much power you can get from the Niagara river. We will also travel back (so you have to pack your bags) and get to know more about a Canadian telecommunications company. You need to wear your suit for the first time this trip, unless you just thought you wanted to wear it in the casino.

		Mariëlla Verhage
0715		Start Wake-Up sequence (in NL it's 1315h, so that's no problem now!)
0745		Breakfast time
0815		Checkout at hotel, take your bags
0830		Departure to Niagara, 130 km
1100		Check in at the hostel
1115		Departure to the Niagara Falls
1200		Lunch somewhere in this Touristic Region of Canada
1215		Walk around with the group, play you're a Japanese Tourist
1400		We will make the Journey behind the Falls
1600		And immediately after it will make a cruise on the Maid of the Myst
1800		Refreshing at our Hostel
1900		Dinner at the Casino
2000		Visiting the Casino
2100		Tom
2400		

8.3 Monday June 18

The first day of company visits has started! Prepare to hear large numbers at the first company and difficult abbreviations at the second. In between, we have to drive almost exactly the same road back. Can you spot the familiar sights you saw yesterday?


















Figure 8.3: The Ontario Power Generation station

Best Western Burlington
2412 Queensway Drive
Burlington, Ontario
(905) 639-2700

Ontario Power Generation
14000 Niagara River Parkway
Niagara-On-The-Lake, Ontario

Shaw Broadcast & Tracking
2055 Flavelle Boulevard
Mississauga, Ontario

It will be a wear-your-suit day again tomorrow. And, again we're driving a lot, so you have to pack your bags to be ready to take them with you tomorrow morning. Do you already start to think Canada is big? You better reconsider later this trip... Video and phone technology is on the agenda.

		Arnout Smeenge
0715		Get ready for Launch
0745		Breakfast
0815		Checkout at hostel, take your bags
0830		Departure to Ontario Power Generation, 7 km
0900		Ontario Power Generation Prepared by Arnout Smeenge
1100		Departure to Mississauga, 100 km
1230		Shaw Broadcast/Tracking
1300		Shaw Broadcast/Tracking Prepared by Joël Geerlings
1530		Travel to hotel, 25 km
1630		Check in and refreshing
1700		Free evening
1800		Individual dinner
1900		Tomas
1900		Writing, sightseeing, preparing
2400		

8.4 Tuesday June 19

What do you want to do, walk or drive? Crawl to the first company if you want, but beware of the highway you have to cross. Our first visit is closeby (we go by car anyway), and they will tell us everything you wanted to know about the multimedia technology they develop and produce. They will even show you how they produce and test them. No, we better go by car, because we need to be in Waterloo after lunch. In a short but powerfull meeting the second company will tell you about their telecommunication developments. Have your questions ready to fire at them!



Figure 8.4: St Pauls College building















- St. Paul can house 192 students
- One floor is specifically reserved for French speaking students
- During school times, every night toasts and spreads are available for students during the Toast Time

University of Waterloo, St Pauls dormitory
190 Westmount Road North
Waterloo, Ontario
(519) 885-1460

Gennum Corporation
970 Fraser Drive
Burlington, Ontario

Research In Motion
305 Phillip Street
Waterloo, Ontario

Allright, the first days are over, you got used to visiting companies. Let's do something different tomorrow, let's visit a university! Yes, tomorrow we'll go to the University of Waterloo, with in the afternoon their Nano technology facilities. Don't forget your personal electron microscopes! For a change you can leave your bags at the dorms. Wear your Ohiaraha teamshirts for this visit.

		Joël Geerlings
0730		1.2.3.4. Wake up and get outdoor!
0800		Breakfast at the hotel
0830		Checkout at hotel, take your bags
0845		Departure to Gennum, 4 km
0900		Gennum Prepared by Bram Julsing
1300		Lunch at Gennum
1400		Travel to Waterloo, 80 km
1530		Research in Motion Prepared by Danny Haak
1715		Departure to Waterloo Campus, 2 km
1730		Check in at dormitory
1800		Group dinner at the Waterloo Campus
1930		Roderick
2400		



8.5 Wednesday June 20

No, you don't have to stay in the car today. We're on the University's campus, and we're going to stay there. It's quite a big campus though, so after some walking you've seen a part of the campus, and now you will get to know more about the EE stuff they do here. A special afternoon program is made for us, completely about Nanotechnology.



Figure 8.5: The solar car of the university of Waterloo











Did you know that the University of Waterloo...

- is the number 1 university of Canada
- Now is exactly 50 years old
- Has almost 22000 undergraduate students
- Has 2500 graduate students
- Has already built 8 solar cars
- Also has many more large student engineering projects
- Their solar car is much faster than the one in Twente

University of Waterloo, St Pauls dormitory
190 Westmount Road North
Waterloo
(519) 885-1460

University of Waterloo, Nanotechnology Engineering
200 University Avenue West
Waterloo
(519) 888-4567

Dress casual tomorrow, and take some drinks with you. Don't get drunk or eat too much, because then the rollercoasters will do fun things with your stomach! You do have to pack your bag, as we are driving to Toronto.

		Ellen van Rossem
0715		Move your Ass
0745		Breakfast at St Pauls
0830		Walking over the campus to EECS
0900		University of Waterloo Prepared by Ellen van Rossem and Gart de Bruin
1300		Lunch at the University of Waterloo
1400		University of Waterloo
1800		Mensa
2000		Go to Astronomical Observatory
2200		Roderick

8.6 Thursday June 21

It's time for a fun day, today you will find out and experience a Canadian day out. Cultural and fun, it's time for a huge theme park you haven't been to before. Take care with eating the big hamburgers and liters of coke, you're sure you want to visit all the rollercoasters then? Tonight, when you're very tired, you can say hello to Johan Engelen and Arjan Meijerink, as they arrive by plane today.



Figure 8.6: The Wild Beast rollercoaster at Canada's Wonderland












Did you know Canada's Wonderland...

- opened in 1981
- has over 200 attractions, 65 rides and 14 rollercoasters
- has around 3 million visitors every year
- employs the most students within Canada

Bond Place Hotel
55 Dundas Street East
Toronto, Ontario
(416) 362-6061

Canada's Wonderland
9580 Jane Street
Vaughan, Ontario

You remembered the questions you forgot to ask the University of Waterloo researchers? Tomorrow you can ask them again, but now to the researchers of the University of Toronto. So we can visit casual again.

		Danny Haak
0745		
0815		Breakfast at St Pauls
0845		Checkout at the dorms, take your bags
0900		Departure to Toronto, 115 km
1030		Canada's Wonderland
1200		Individual lunch, you will get vouchers
1800		Dinner in the park
2100		Gather at our cars
2130		On the road to the hotel
2200		Back at the hotel

8.7 Friday June 22

Again we leave the car at the hotel, and we walk all day. The university is only 20 minutes away, so we first walk there and get to know the University of Toronto much better. After some information about solar technology and biomedical EE, when the visit is over, you can refresh, rest or do something yourself, but make sure to be on time to eat and see the baseball game!



Figure 8.7: View of the University of Toronto

Did you know the University of Toronto...

- opened in 1827
- is the largest university in Canada, having over 70000 students
- has the largest library in Canada
- has a press institution being one of the most important scholar publisher in Canada
- more than 50% of the undergraduate students are women

Bond Place Hotel

55 Dundas Street East
Toronto, Ontario
(416) 362-6061

University of Toronto

Sandford Fleming Building, room 1022
10 King's College Road
Toronto, Ontario

Rogers Center

1 Blue Jays Way
Toronto, Ontario

Tomorrow the weekend starts, and we take advantage of businesses being closed by driving. Yes, tomorrow you will experience the size of Canada. Pack your bags, roadtrip!

		Henriëtte van Dorp
0715		Rise and Shine Sunshine!
0745		Breakfast time
0830		Walking to University
0900		University of Toronto Prepared by Hubert Flisijn and Henriëtte van Dorp
1200		University of Toronto
1300		University of Toronto
1600		Walking to the hotel
1630		Refresh / rest / writing time
1730		Walking towards the Rogers Center
1800		Fastfood on our way or at the location
1845		Baseball game: Blue Jays vs Colorado Rockies
2200		After the game: Tom
2400		ALL drivers

8.8 Saturday June 23

Roadtrip! We're leaving the Toronto area, and now drive more than we did before. Time to visit Ottawa. We will visit the technology museum after checking in at the Hotel. At night you can choose to go into the city or write on your reports. Unfortunately, we have to say goodbye to Ciska Heida and Gijs Krijnen before we leave to Ottawa, their study trip part is over and they will fly home today.



Figure 8.8: Just some road we might drive on













Mothers Against Drunk Driving (MADD Canada) is a non-profit, grassroots organization that is committed to stopping impaired driving and supporting the victims of this violent crime. At the heart of MADD Canada is our volunteers who include not only mothers, but fathers, friends, business professionals, experts in the anti-impaired driving field and concerned citizens who want to make a difference in the fight against impaired driving.

In the technology museum there is a Communication Celebration. Explore the technology that they use to keep in touch from amateur radio and traditional telephone to today's cellular gizmos! Watch as the Ottawa Valley Amateur Radio Club tests out North American emergency systems.

Monterey Inn
2259 Prince of Wales Drive
Ottawa, Ontario
(613) 288-3500

Canada Science and Technology Museum
1867 St Laurent Blvd
Ottawa, Ontario

You're in the capital of Canada now, and it's weekend, so what's there to do? Of course, cultural stuff. Prepare to be overloaded with it tomorrow.

		Bram Julsing
0745		Wacked Up?
0815		Coffee Time
0845		Checkout at hotel, take your bags
0900		Departure to Ottawa, 430 km
1500		Check in at the hotel
1530		Departure to the Technology Museum, 22 km
1600		Technology museum
1800		Museum closes, gather at entrance museum
1900		Free Time
		Individual Dinner
1900		Tomas

8.9 Sunday June 24

Ottawa, the capital city of Canada has enough to see for a whole vacation. We will discover it in just two days. We start with the changing of the guards at the parliament followed by a tour through the building. Leave your knives at home because we have to go through strict security! After the tour we will enjoy the weather and take a walk to Hull, which is still Ottawa but on the other side of the bridge, which is Quebec. It will look like entering another country! After the Canadian Museum of Civilization you are free to go. Suggestions are the Canadian War Museum or the National Gallery of Canada.



Figure 8.9: The view of Ottawa from the Civilization Museum














Did you know...

- today officially is "Fête Nationale du Québec"
- Ottawa has 29 museums, of which 12 are national museums

Monterey Inn
2259 Prince of Wales Drive
Ottawa, Ontario
(613) 288-3500

Canadian Museum of Civilization
100 Laurier Street
Gatineau, Quebec

There are companies in Ottawa as well, and being monday tomorrow we're going to visit them. First we'll visit a part of Canada's University, Laggiss is a similar institute as the ITC doing geographic information systems. Then we're going to see how telecommunication electronics are produced. It's a suit day tomorrow.

		Mariëlla Verhage
0800		Karl Noten invites you for some exercise
0830		Breakfast at hotel
0915		Departure to Parliament
1000		Changing of the Guard
1045		Guided tour through Parliament
1200		Gathering and walk to the Civilization Museum
1300		Canadian Museum of Civilization
1600		Free time, tips: Canadian War Museum or the National Gallery of Canada
1800		Individual dinner
1900		Free time
1900		Roderick
2400		

8.10 Monday June 25

First, we go north, next we go southwest and finally we go east. At Laggiss we will gain knowledge about geographic information systems, and at Breconridge we see how telecommunication systems are produced. A nice variety today.



Figure 8.10: Gis system results

Monterey Inn

2259 Prince of Wales Drive
Ottawa, Ontario
(613) 288-3500

Laggiss

60 University Street
Ottawa, Ontario
(613) 562-5800 x1040

Breconridge

500 Palladium Drive
Ottawa, Ontario
(613) 886-6736

Only one company tomorrow, but this one's special. We're visiting the Canadian Space Agency. Get your suits and your best spirit out of your suitcase! But, we're leaving Ottawa also, so pack the rest in your bag to be ready to throw in the car.

		Arjen Meek
0700		Hit me, kick me, it's far to early
0730		Breakfast at hotel
0815		Departure to Laggiss, 20 km
0900		Laggiss Prepared by Sjors Hettinga
1145		Departure to Breconridge, 25 km
1230		Lunch at Breconridge
1300		Breconridge Prepared by Arjen Meek
1600		Departure to the city, 20 km
1700		Free time, tips: Byward Market, Eglin Street, La Promenade du Portage
1830		Individual dinner
1900		Free time
1930		Joost
2400		

8.11 Tuesday June 26

Wow, the Canadian Space Agency. Let's hope it's just as wow as it was when we learned some sneak preview talks about what we will see. If it's not in the anechoic chamber (you know, such a room where you can shout but nobody hears you), we will be able to see the very new Radarsat! The David Florida Lab is the special lab where tours aren't common, where they test all space stuff. So, huge vacuum rooms, special testing facilities, all is there. And you're going to see it. Ow, yes, Martin also will arrive tonight.



Figure 8.11: The David Florida Laboratory of the Canadian Space Agency

- Two Class-100,000 clean rooms sized 315 and 1,080 square metres (3,400 and 11,600 square feet), fully equipped for the integration and assembly of satellites and other space hardware
- Three space simulation chambers, the largest of which is 7 by 10 m deep (22 by 35 feet), for performing thermal vacuum and thermal balance testing, and one small chamber for performing outgassing tests
- A range of thermal, temperature humidity, and thermal passive intermodulation (PIM) chambers for performing various thermal and thermal PIM tests
- The larger of the two electrodynamic shakers has a force rating of 178 kN (40 k lbf), and a variety of modal, static load, mass properties, photogrammetry, and thermal vibration equipment available for qualifying the structural aspects of various test articles
- various anechoic chambers, shielded rooms and antenna ranges and associated radio frequency (RF) equipment for performing spherical, cylindrical, and planar near-field, far-field, electromagnetic compatibility (EMC), and PIM / multipaction testing on a variety of antennas and RF payloads.












Best Western Hotel Europe

1240 rue Drummond
 Montréal, Québec
 (514) 866-6492

**Canadian Space Agency
 David Florida Laboratory**

3701 Carling Avenue
 Ottawa, Ontario
 (613) 998-2602

What did you think of the Space Agency? Did you see special things? Well, tomorrow is just as special: we're going to check if machines can be more intelligent than you are: McGill's Center of Intelligent Machines can probably answer your question. Who knows, will they show their machines as well? Will they outsmart you?

		Pieter van Vugt
0700		Waky waky!
0730		Breakfast at hotel
0800		Checkout at hotel, take your bags
0815		Departure to CSA, 20 km
0900		Canadian Space Agency, David Florida Laboratorium (time and date confirmed) Prepared by Pieter van Vugt
		Lunch at CSA
1300		Departure to Montreal, 220 km
1530		Hotel check-in, refreshing
1630		Montreal Underground City
1800		Group dinner in an Underground Restaurant
1930		Free time
2000		Tomas
2400		

8.12 Wednesday June 27

Do you have your questions about artificial intelligence ready? Are you prepared for Shared Reality? Or, you might be more interested in the Mobile Robotics. Anyway, today is time for McGill, where we will visit the quite big Center for Intelligent Machines. If only Stramigioli had such a lab (they do know him there).















Figure 8.12: A robot of the Center of Intelligent Machines

- CIM was founded in 1985
- They employ 150 graduate students working in 13 different labs
- The CIM resides in the McDonnell building, a building donated by one single person

Best Western Hotel Europe
1240 rue Drummond
Montréal, Québec
(514) 866-6492

McGill Center for Intelligent Machines
3480 University Street
McConnell Engineering Building, Room 410
Montréal, Québec
(514) 398-4325

Oops... tomorrow is a suit-day, a roadtrip day and a big company day. Can we all combine that? You'll get tired tomorrow, because we will first be amazed by Bombardiers aircrafts, then we have to drive, and then we'll visit IBM production. And, at the end of the day, you'll find yourself in Québec. Pack your bags and practice French!

		Mariëlla Verhage
0715		Wake up sequence: 0110011011!
0745		Breakfast at hotel
0830		Walking to McGill, only 1.3 km
0900		McGill, Center for Intelligent Machines Prepared by Mariëlla Verhage
1300		McGill, Center for Intelligent Machines
1400		Free time
1830		Individual dinner
1945		Be back at the hotel, refresh
2015		Departure to amphibus location
2100		Amphibus with view of fireworks competition
2300		Back to the hotel

8.13 Thursday June 28

Allright, the big companies are piling up this week! Today we add the two maybe main companies to our visiting list: Bombardier and IBM. There's not much to tell, just be amazed again!



Figure 8.13: One of Bombardiers produced aircraft

Did you know Bombardier...















- Has two departments, aerospace and rail transportation
- Has over 25000 employees
- Is number 3 in aircraft production, after Boeing and Airbus
- Their railway cars can be found everywhere: Rotterdam railway, ICE trains, Toronto metro, Enschede-Gronau...
- Now also will compete with Boeing and Airbus by also producing passenger jets next to the business jets

Best Western Centre-Ville
330 rue de la Couronne
Québec, Québec
(418) 649-1919

Bombardier
400 Côte-Vertu Road West
Dorval, Québec

IBM Production Facility
23 Boulevard de l'Aéroport
Bromont, Québec

Bonjour a Québec, demain c'est une jour d'optique: nous visitons l'Institute National en Optique Photonique et l'Université Laval. C'est le dernier jour de semaine, juste deux visites avant reposer!

		Martin Tijmes
0700		
0730		Breakfast at hotel
0800		Checkout at hotel, take your bags
0815		Departure to Bombardier, 20 km
0900		Bombardier Prepared by Martin Tijmes
1215		Lunch at restaurant along road
1300		Departure to Bromont, 100 km
1430		IBM Production facility Prepared by Bram Verhoef
1715		Departure to Québec, 250 km
2000		Group Dinner along the road
2130		Hotel check-in, relaxing and/or writing time
		Tomas
2400		

8.14 Friday June 29

Be enlightened, photonics, crystals, lasers, waveguides, that's all there is today. Québec is known for it's world-class research in photonics, and that's exactly what we're going to see. Laser protection might be usefull.

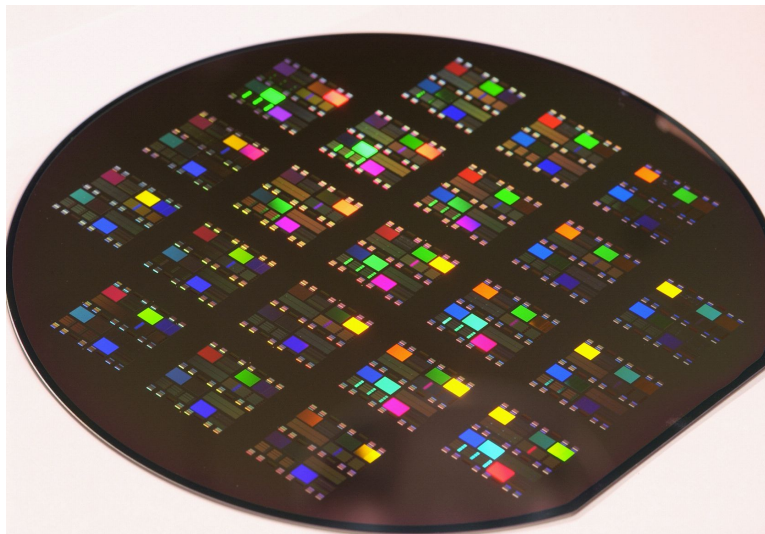


Figure 8.14: Optical systems on a wafer can look pretty cool

Best Western Centre-Ville

330 rue de la Couronne
Québec, Québec
(418) 649-1919













National Optics and Photonics Institute

2740 Einstein Street
Québec, Québec

Laval University

Centre d'optique photonique et laser
Pavillon d'Optique photonique
Corner of Avenue de la Terrasse and Rue
Québec, Québec

Tomorrow, yes, what will we do tomorrow? It's weekend, we're in Québec, and companies are closed and holiday has started. Let's just do like all other Québécois? Québécois? Québécois? do: cultural activities. They do say Québec is Paris of Canada, so, have fun. And, it's Québécois by the way.

		Floris van den Brink
0715		It's a lovely day, the sun is shining...
0745		Breakfast at hotel
0830		Departure to INO, 15 km
0900		National Optics and Photonics Institute Prepared by Floris van den Brink
1215		Departure to Université Laval, 7 km
1230		Université Laval
1300		Université Laval Prepared by Boris Hupkens van der Elst
1515		Back to the hotel
1530		Free time, Tips: Lacitadelle, Chateau Frontenac
1800		Individual dinner
1900		Free time
1930		Tom

8.15 Saturday June 30

The city is yours to explore, and the more you look, the more treasures you'll find! The day is all yours, you can stay in bed, wash you stuff, try the fitness or indoor swimming pool in the hotel and discover this wonderful city! You could visit some sites, go shopping or discover its history! "Joie de vivre!"

















Figure 8.15: One of the views of Québec

- Québec is the only walled city in North-America and the first city of North-America being placed on the UNESCO World Heritage list
- Québec City was Canada's capital for 6 years: from 1859 to 1865.
- Algonquin called Quebec "Kebe" meaning "the place where the river narrows"
- the Québec City's Carnival, held each winter, has been celebrated since 1880
- "French Toast" is neither French nor Toast nor involves Canada in any way!

Best Western Centre-Ville
330 rue de la Couronne
Québec, Québec
(418) 649-1919

Already pack your bags, tomorrow we will make a nice road trip. Followed by a nice typically Dutch sport, except this time with something we don't have in the Netherlands: we will bike some mountains, or make a nice bicycle tour. So be prepared, there is a chance you get dirty too.

		Danny Haak
0900		Roderick
		Free day, tips: Place Royale, Basilique Notre-Dame, Maison Chevalier
1200		Individual Lunch
1230		gather at the hotel
1245		Drive to Mont-Sainte-Anne Mountain Resort
1330		group: Active mountainbiking
		group: Gondola + sled dog village guided tour
1730		Rendez vous
1800		back to Quebec
1830		
1900		Free time, Tips: check you wake up time for tomorrow
1900		Martin
2400		ALL drivers

8.16 Sunday July 1












Today is both Canada Day and a day with the Champ Car rally in Mont Tremblant. We will drive to the beautiful Mont-Tremblant where we will stay in a hostel for two nights. Today Leon Abelmann and Bram Nauta will arrive. We've got our fantastic crew for the last week together!



Figure 8.16: Try this in the car!

Tomorrow you will get wet during the rafting. Pack your bag with dry clothes, bathing suit, towel and sporting shoes/Sandals (no flip-flops). You will be able to drop your bag at the base camp tomorrow.

Hi Hostel Mont-Tremblant
2213 Chemin du Village
Mont-Tremblant Québec
(819) 425-6008

		Bram Julsing
0845		Chill wakker worden
0915		Coffee
0945		Checkout at hotel, take your bags
1000		Quite a long drive, 284Km
1200		Picknick along the road
1600		Check-in at Hostel
1630		Enjoy the nature!
1800		Extra heavy duty group dinner
2000		Night activity
2400		



8.17 Monday July 2

Quebec's most popular rafting trip for more than a quarter century, an unbeatable one-day adventure! We will charge down class 3 and 4 rapids on a guided, full day tour in an 8-10 person raft. Afterwards we can enjoy "après-rafting" fun with 2 large hot tubs and a heated pool and after that we will have a huge steak dinner. Don't forget your bathing suit, towel and extra shoes to wear in the raft (they will get wet).



Figure 8.17: Rafting, check the can of Grolsch beer in his hand

Hi Hostel Mont-Tremblant
2213 Chemin du Village
Mont-Tremblant Québec
(819) 425-6008

Don't forget to pack your bags, because tomorrow we're going on a roadtrip. This time for real. We will travel all the way back to Toronto in one day, which is more than 600km! Don't put your camera too far away since a two hour boat tour will show you 1000 islands!

		Danny Haak
0715		Het is zo stil en lekker rustig
0830		Leave for New World Rafting Centre
0930		Arrival at the activity centre
		Rafting, including Lunch & Dinner
1830		Drive back to to Hostel
1930		Arrive at the Hostel
		Free Time
1930		Tom
2400		Drivers Bed Time

8.18 Tuesday July 3

Finally, some time to sleep. Today we're driving a total of around 600 kilometers! Of course you can't sit in the car all time, so we'll have enough breaks, and in between we prepared a tourist boat trip for you. The world famous Boldt Castle, Zavikon Island and Millionaire's Row are only a taste of the adventure you will experience aboard the non-stop Two Hour International Cruise. Get ready... broembroem...














Figure 8.18: The bridge connecting the 1000 Islands with Canada and the USA

Did you know...

- the 1000 islands area actually has 1864 islands
- the 1000 islands area was discovered near 1870
- an official island only needs 2 living trees and must be above water all year
- Ash Island has its own private railroad
- the Indians called this area "Garden of the Great Spirit"
- the shortest international bridges are in the 1000 islands area

Bond Place Hotel
55 Dundas Street East
Toronto, Ontario
(416) 362-6061

Did you rest enough? Or were these long-weekend activities too tiring for you? Well, now we're back in Toronto, and because working days has started again, we have two last days to visit companies. So, get your suit back and tomorrow we're going 3D and chemical.

		Hylco de Boer
0815		Be Prepared for a Happy Joost Kuckartz (uh oh...)
0845		Breakfast at the hotel
0915		Checkout at hotel, take your bags
0930		There we go, to Rockport, 280 km!
1300		picnic (or a nice burger along the route...)
1530		1000 Islands Two Hour Sightseeing Cruise
1800		Ship's Galley Waterfront restaurant
1900		On the road again, Toronto, 305 km
2300		Checking in at the hotel
2330		

8.19 Wednesday July 4

Maybe the location we're going to now looks familiar, and then you're right: at the beginning of the trip we were here as well, for Shaw. The two companies planned today are exactly in the same street even! First we're going to visit IMAX, which you might know from the huge screen cinemas. They have a new cinema technique, 3D video. That's what we're going to see and talk about. Next up is Xerox, where we will visit the Research Center and their facilities.



Figure 8.19: Two little boys watching a Imax 3D Movie

- Key to the IMAX projection system's performance, reliability, extraordinary sharpness and clarity is the sheer size of the screen, combined with the unique "rolling loop" film movement, which advances the film horizontally in a smooth, wave-like motion. During projection, each film frame is positioned on fixed registration pins, while the film is held firmly against the back of the lens by a vacuum. As a result, the picture and focus steadiness exceed normal standards.
- The 3D projector -the size of a small car- alternately projects the left- and right-eye images onto the giant screen.
- 3D technology is based on human vision: it mimics the way we see the real world. When you look at an object, each of your eyes sees a slightly different view of that object. Through a process called stereopsis, the brain "fuses" the two images into a single 3D image.

Bond Place Hotel
55 Dundas Street East
Toronto, Ontario
(416) 362-6061

IMAX Corporation
2525 Speakman Drive
Mississauga, Ontario
(905) 403-6251

Xerox Research Centre of Canada
2660 Speakman Drive
Mississauga, Ontario
(905) 823-7091

Although the names of the companies doesn't sound familiar or that special, we tried to make it a special day. First, we're going to one of Magna's research companies, and next up is a visit to the Hydrogen village. So, wear your suits for the last time, and try to look interested.

		Lars Zondervan
0645		Wake up, Shake up, Break up...
0715		Breakfast at the hotel
0800		Departure to IMAX, 35 km
0845		IMAX Prepared by Henri de Jong
1130		Lunch at IMAX
1345		Move to the next building, sort-of
1400		Xerox Prepared by Lars Zondervan
1700		Drive back to the hotel
1800		Group dinner
1900		Free time
1930		Joost
2400		

8.20 Thursday July 5

The final day of visiting companies has arrived! We tried to make today as special as we could, although maybe the names doesn't sound that big or special. Well, let me tell you Magna is the biggest producer of car parts in the world. You think BMW, Chrysler, Toyota and Mercedes for instance built everything themselves? No way! The location we're going to is so classified the name hardly can be found on the internet. Next up is Hydrogen Village, something which will definitely determine our future life: hydrogen technology. Almost everywhere in the world this is researched, and we're going to look at the step further: implementation of this technology. Emerging technologies at its best.



Figure 8.20: A schematic of Hydrogen Village

- To create early commercial markets for hydrogen and fuel cell applications
- To identify key stakeholder champions who will continually promote the Canadian hydrogen and fuel cell industry
- To educate government, public, media, and potential end-users about the long-term benefits of hydrogen and fuel cells
- To encourage investment in demonstration projects and purchases of hydrogen and fuel cell products
- To encourage the development of other hydrogen and fuel cell technology clusters
- To ensure a widespread market is developed

That's it! The study tour is finished! We hope you all had a good time, learned a lot, and please fill in our 20 page survey at the end of this book! Just kidding, although we do like to know

Bond Place Hotel
55 Dundas Street East
Toronto, Ontario
(416) 362-6061

Promatek Research Centre
2550 Steeles Ave
East Brampton, Ontario
S(905) 458-5373 x5557

Hydrogen Village
2070 Hadwen Road
Mississauga, Ontario
(905) 822-1539

what you think could be better and what was the most memorable moment of the tour. And we don't mean someone did some weird things while drunk, we mean more study trip related stuff. Like which company was the most interesting to you? Anyway, from tomorrow on we'll let you free, say goodbye to some of the group, because there are a few flying back tomorrow. Don't forget to get back at the airport on the 20th!

		Bart Peerdeman
0630		More early = More better
0700		Schwarzer Tee
0745		Departure to Promatek, 40 km
0830		Magna - Promatek research Prepared by Bart Peerdeman
1130		Departure to Hydrogen Village, 20 km
1200		Hydrogen Village
1300		Hydrogen Village Prepared by Hylco de Boer
1630		Back to hotel
1700		Finalize all writing stuff
1745		Prepare for the last night!
1800		We're going to the city
1830		Dinner @ CN Tower
2102		Sunset time @ CN Tower

8.21 Friday July 6







Your holiday time starts, although for a few the end of the trip will be today. They're flying back this afternoon. Also, the rented cars need to be delivered back. If you still haven't finished your writing, please do it today, as I can predict you will forget a lot during your holiday trip. And, do you really want to write while you're having fun?



Figure 8.21: Npicture

O Canada!
Our home and native land!
True patriot love in all thy sons command.
With glowing hearts we see thee rise,
The True North strong and free!
From far and wide,
O Canada, we stand on guard for thee.
God keep our land glorious and free!
O Canada, we stand on guard for thee.
O Canada, we stand on guard for thee.

Uhm, tomorrow is all up to you. You might be in the plane back, or somewhere else, but this you all arranged yourself. We hope you enjoyed your time with us. And we wish you a good holiday in the Northern Area of America!

		Martin Westra
0600		A continuous goodbye of people starting their holiday now
		You can have breakfast at the hotel
1100		Check out before this time!
1240		Check in opens at the airport
1640		Return flight to Amsterdam, Transat TS 538



8.22 Saturday Juli 7

Arrival at Schiphol Airport

0600 |  | Arrival at Schiphol (Dutch Time)

8.23 Friday July 20

We hope you had a good time on the study tour, and of course also at your holiday. Today, you will say goodbye to Canada. You better be on time, planes don't wait!



Figure 8.22: Canada, the beautiful country

- Canada has the longest coastline in the world
- nearly 25
- there are about 2 million lakes in Canada
- The name "Canada" comes from the Huron and Iroquois word "Kanata" meaning "village"
- During this trip, Canada became 140 years old (on July 1)
- The largest non-polar icefield is actually on Canada and Alaska, not on Greenland

Tomorrow, when we step out the plane, you have to find your own way back home. But that won't be a problem, the last 2 weeks you organized your travel yourself anyway!

1240	🧳	Check in opens
1640	✈️	Return flight to Amsterdam, Transat TS 538