

Perception for Recognition and Action (PRA)

Mid-Term Review Meeting
July 8-10th, 2004
Marseille - France

|
Glasgow
|
London
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Toulouse
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Marseille
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Giessen
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Tübingen
|
Leuven
|
Rotterdam
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EC RTN HPRN-CT-2002-00226

AGENDA
Thursday July 8th, 2004
Conference Room – Main Hall -CNRS Campus

I. Introduction

9:00 – 9:15 Welcoming and Introduction by Pascal Mamassian & Eric Castet

II. fMRI

9:15 – 10:00 **Lecture 1.** *Neural and vascular sources of the BOLD signal* – Ivo Vanzetta (Marseille)

10:00 – 10:30 *An fMRI study of the representation of transparent motion-defined surfaces* – Nathalie Williams (London)

10:30 – 11:00 *From motion boundaries to surface motion* – Julian Wallace (Marseille)

11:00 – 11:15 Break

III. Perception – Action

11:15-12:00 **Lecture 2.** *The two visual systems in the primate brain* – Driss Boussaoud (Marseille)

12:00-12:30 *On-line adjustments to visually-induced changes in object weight* – Anne-Marie Brouwer (Tuebingen)

12:30-14:00 Lunch Break (CNRS Cafeteria – Reception Room)

IV. Pattern recognition

14:00-14:45 **Lecture 3.** *Some thoughts on simultaneous detection and identification paradigms* – David Simmons (Glasgow)

14:45-15:15 *Spatial frequency channels and rapid visual categorization* – Holle Kirchner (Toulouse)

15:15-15:45 *Effect of temporal offset noise on perception of possible vs impossible movements* – Maria Tzoneva (Glasgow)

15:45-16:00 Break

V. Eye movements and perception

16:00-16:45 **Lecture 4.** *Intra- and peri-saccadic motion perception* – Eric Castet (Marseille)

16:45-17:15 *Position perception during pursuit eye movements* – Maria Pilar (Rotterdam)

VI. Open Discussion

17:15-18h00 Open discussion for suggesting new collaborations and presentation of new ideas

18:00 End

Friday July 9th, 2004
Meeting Room George Morin – Bld N’-CNRS Campus

I. Introduction

9:30 – 10:00 coffee, croissants
 10:00 – 10:15 Commission Representative and Expert Advisor

II. Tour de Table

10:15 – ... Pascal Mamassian & Frank Pollick (Glasgow)
 ... – ... Andy Smith (London)
 ... – ... Simon Thorpe (Toulouse)
 ... – ... Guillaume Masson (Marseille)
 ... – ... Karl Gegenfurtner (Giessen)
 ... – ... Ian Thornton (Tübingen)
 ... – ... Karl Verfaillie (Leuven)
 ... – 10:30 Eli Brenner (Rotterdam)

Each scientist-in-charge will briefly present their research team and describe their role within the network (no overhead should be necessary).

III. Co-ordinator Report

10:30 – 11:30 *Pascal Mamassian*
 III.a. Scientific Report, together with Simon Thorpe (LSP-A), Pascal Mamassian (LSP-B) and Frank Pollick (LSP-C)
 III.b. Networking Report
 III.c. Training Report, together with Anne-Marie Brouwer & Geir Eliassen Nygård (Young Researchers Representatives)
 III.d. Administrative Report
 11:30 – 12:00 *Questions*
 The co-ordinator will present the report of the network and the mid-term review. The scientific report will be done with the support of the representatives of the Large Scale Projects (LSP). The training report will be done in collaboration of the young researchers representatives. Questions afterwards will be limited to clarifications, a full discussion being planned in the afternoon.

12:00 – 14:00 Lunch break

IV. Young Researchers' Reports

14:00 – 14:15 Bettina Friedrich (Glasgow)
 14:15 – 14:30 Maria Tzoneva-Hadjigeorgieva (Glasgow)
 14:30 – 14:45 Nathalie Williams (London)
 14:45 – 15:00 Holle Kirchner (Toulouse)
 15:00 – 15:15 Julian Wallace (Marseille)
 15:15 – 15:30 Denise de Grave (Giessen)
 15:30 – 15:45 Anne-Marie Brouwer (Tübingen)
 15:45 – 16:00 Geir Eliassen Nygård (Leuven)
 16:00 – 16:15 William Sbrugnera (Leuven)
 16:15 – 16:30 Maria Pilar Aivar (Rotterdam)

The young researchers will present themselves, their background, their work, and their experiences in the network. This presentation should go beyond the scientific project and should include their impressions of how they have been welcomed in the Host institution, integrated in the team, helped with practical matters in settling in their new environment. Any comments (positive or negative) on the network are also welcomed. Please plan 10 minutes for the presentation and 5 minutes for questions.

16:30 – 17:00 coffee break

V. Young Researchers' Meeting with Commission Representative

17:00 – 17:30 *Commission representative and all young researchers*

This meeting is intended to allow the young researchers to speak freely with the commission representative about their experiences within the network.

VI. Open Discussion

17:30 – 18:30 *Commission Representative and Network Co-ordinator*

This discussion will round off the meeting by identifying strengths and weaknesses of the network, particularly in relation to the training programme and the joint research. Possible revisions to the contract will also be identified and discussed. The commission representative will describe examples of best practice that could be employed by the network, if appropriate.

VII. Initial Impressions

18:30 – 18:45 *Commission Representative*

The Commission representative and expert advisor will conclude the meeting with a brief presentation of their initial impressions gained from the meeting.

Saturday July 10th, 2004
Room George Morin – Bldg N’ - CNRS Campus

I. Business Meeting

9:30 – 10:30	Network Administration – Pascal Mamassian
10:30-11:30	Exchange program – Guillaume Masson
11:30-12 :00	PRA Future – Pascal Mamassian
12 :30	End

Accommodation – Conference Site - Ground Transportation

I. Hotel accommodation

All PRA members have an individual room reservation at the IBIS Hotel located on the square next to the Railway Station (Gare Saint Charles). Please double check with the following Table if your arrival/departure dates are correct. When requested, Hotel Reception has been warned of your late arrival. Please note that the Final Stop of the Airport Shuttle is also on the same square so it should be easy to get there. Room rate is 80€/night (+6€ for breakfast). Hotel fees have to be paid by each group/member. *The whole contract has been secured with a private credit card so please warn us as soon as possible in case of changes in schedule or cancellation.*

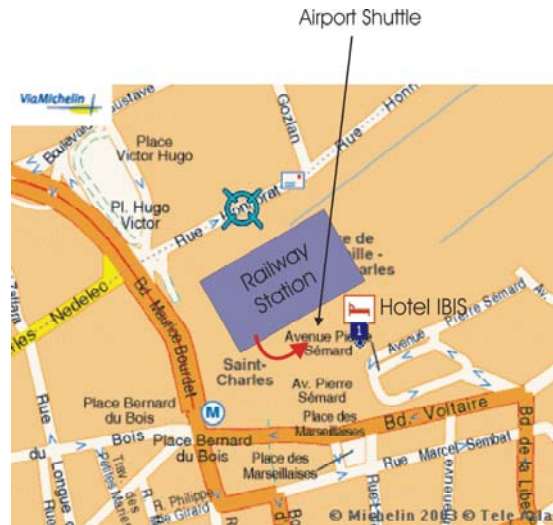
Hotel Address:

Hotel IBIS Gare Saint Charles
1 square Narvik
13001 Marseille
Phone : +33 (0) 491.95.62.09
Fax : +33 (0) 491.50.68.42

Local Maps (see www.viamichelin.com)

1. Location of the IBIS Hotel.

Square Narvik is on the left exit of the Station (follows the signs “Airport Shuttle”).



2. Map of downtown Marseille indicating two main restaurants areas (walking distance : 10-15min)

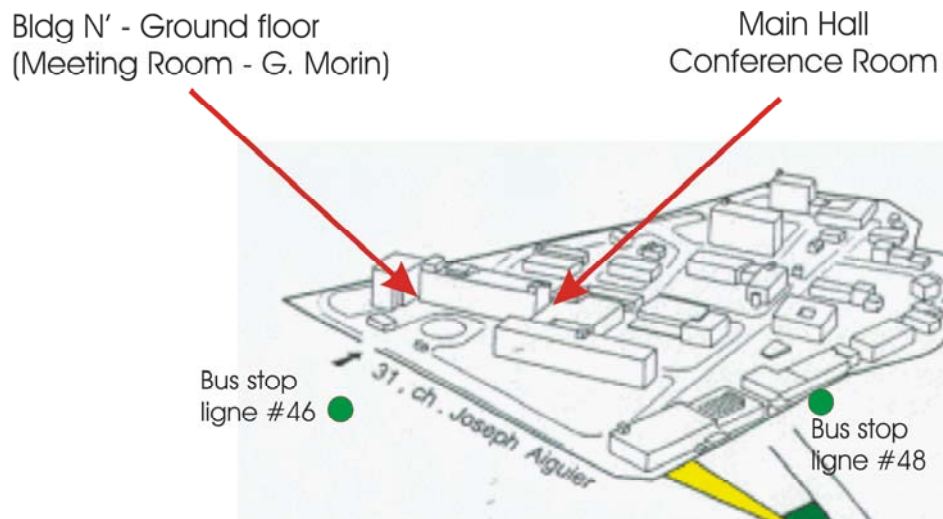


II. Conference Site

The meeting location is on the CNRS campus, in the Neuroscience Building where the Marseille group is located. The CNRS campus offers all the facilities for hosting meetings and you will have the opportunity to visit our lab. Lunch will be taken at the Campus Cafeteria.

The address of the Campus is :

**Campus CNRS
Groupe des Laboratoire de Marseille
31 Chemin Joseph Aiguier
13009 Marseille**



On Thursday, the meeting will be at the Conference Room located in the Main Hall of the Campus. On Friday and Saturday, the meeting will be at the Meeting Room “George Morin” located on the ground floor of Bldg N’. Entrance is on the left side of Neuroscience Building, right in front the main Campus Entrance.

In both rooms, there will be Videoprojectors and 2 Computers (1 PC and 1 Mac). We strongly suggest that speakers bring their PowerPoint Presentation on a USB Key or a CD/DVD to upload them onto the available computers.

III. Ground Transportation

1. How to reach the Hotel ?

The Hotel is on the Square Narvik, which is located next to the main Railway Station (Gare Saint Charles, south Exit). The Final stop of the Airport Shuttle is 20m from the Hotel. There is an Airport Shuttle every 20 minutes from 6.10 (5:35 from Marseille) to 22.50 (departures at 10, 30 and 50min past the current hour). It takes 25 min to get to Marseille (outside the rush hours). One way is 10€ (more info at www.lepilote.com)

2. How to reach the Campus from the Hotel ?

The most easiest and cheapest way is by Metro + Bus. The main Metro station is at the Gare Saint Charles (one entrance is located in the lower level of the Station). Take Ligne #2 heading to Sainte Marguerite-Dromel. This is the last stop. Exit there. The bus station is at the ground level. We shall then take bus #46. Exit the bus at “CNRS-Aiguier”. The bus stop is right in front of the Main Entrance of the Campus. The Neuroscience Building (N+N’) is right in front of you. The journey is ~20min long (10min Metro and 5-10min Bus). On the mornings of July 8-9th the schedules every 20 min (e.g. 8:20; 8:40; 9:00). Bus #46 alternates with Bus #48 which takes a different route. There is a Bus stop (‘Chateau Sec’) at the corner of Chemin Joseph Aiguier (see map above).

	Thursday 08-07		Friday 09-07	Saturday 10-07
9:00-9:15	<i>Introduction</i>			<i>Introduction</i>
9:15-11:00	fMRI			Business Meeting
9:15-10:00	I. Vanzetta. Neural and vascular sources of the BOLD signal	9:30-10:00	Welcoming	
10:00-10:30	N. Cottillon. An fMRI study of the representation of transparent motion-defined surfaces"	10:00-10:15	<i>Commission Representatives</i>	
10:30-11:00	J. Wallace Motion surface and motion boundaries	10:15-10:30	<i>Tour de Table</i>	
11:00-11:15	break			Scientific Projects & Exchanges
11:15-12:30	Perception - Action	10:30-11:30	Coordinator Reports	
11:15-12:00	D. Boussaoud. The two visual systems in the primate brain		<i>P. Mamassian</i>	
12h:00-12:30	A.M Brouwer On-line adjustment to visually indicated changes in object weight	11:30-12:00	<i>Questions</i>	PRA future
12:30-14:00	<i>Lunch</i>		<i>Lunch</i>	Lunch
14:00-15:45	Pattern recognition	14:00-16:30	Young Researcher's reports	
14:00-14:45	D. Simmons Some thoughts on simultaneous detection and identification paradigms		Bettina Friedrich Maria Tzoneva-Hadjigeorgieva	
14:45-15:15	H. Kirchner. Spatial frequency and rapid categorization		Nathalie Williams Holle Kirchner	
15:15-15:45	Maria Tzoneva-Hadjigeorgia Effects of temporal offset noise on perception of possible vs impossible mvts		Julian Wallace Denise de Grave	
15:45-16:00	break		Anne-Marie Brouwer	
16:00-17:15	Eye movements and perception		Geir Eliassen Nygard	
16:00-16:45	E. Castet. Intra- and peri-saccadic motion perception		William Sbrugnera Maria Pilar Aivar	
16:45-17:15	M. Pilar. Position perception during pursuit eye movements	16:30-17:00	break	Neuroscience Building CNRS Campus 31 Chemin Joseph Aiguier 13009 Marseille
15:15-18:00	General Discussion + IDEAS BOX	17:00-17:30	Discussion between EU representative and young researchers	
18:15	End	17:30-18:30	Open Discussion	
		18:30-18:45	Conclusions	

PRA site	Name	Status	Talks	PRA Coll	Special	06-juil	07-juil	08-juil	09-juil	10-juil	11-juil
GLASGOW	Maria Tzoneva-Hadjigeorgieva	étudiant					x	x	x	x	
	Bettina Friedrich	étudiant		Tuebingen			x	x	x	x	
	Pascal Mamassian	chercheur					x	x	x	x	
	Frank Pollick	chercheur					x	x	x	x	
	David Simmons	chercheur	x				x	x	x	x	
	Janette Hampson	administration						x	x		
ROTTERDAM	Pili Aivar	étudiant	x	Giessen			x	x	x	x	x
	Eli Brenner	chercheur			06/07 late	x	x	x	x	x	
TOULOUSE	Simon Thorpe	chercheur							x	x	
	Holle Kirchner	étudiant	x	Giessen			x	x	x	x	
	xxx	étudiant					x	x	x	x	
MARSEILLE	Julian Wallace	K		London							
	Guillaume Masson	S									
	Eric Castet	S	x								
	Frédéric Barthélémy	Ke									
	F. Chavane	S									
GIESSEN	Karl Gegenfurtner	chercheur						x	x		
	Volker Franz	chercheur			07/07 (late)		x	x	x	x	
	Denise Degrave	étudiant					x	x	x	x	
LONDON	Andy Smith	chercheur					x	x	x		
	Nathalie Williams	étudiant	x	Marseille			x	x	x		
	Johannes Zanker	chercheur						x	x		
TUEBINGEN	Ian M. Thornton (Mr & Mme)	chercheur			double		x	x	x	x	
	Anne-Marie Brouwer	étudiant	x	London			x	x	x	x	
LEUVEN	Geir Eliassen Nygård	étudiant		Giessen			x	x	x	x	
	William Sbrugnera	étudiant					x	x	x	x	
	Johan Wagemans	chercheur					x	x	x	x	
	Karl Verfaillie	chercheur					x	x	x	x	
	Filip Gernays	étudiant					x	x	x	x	
EU	Franck Marx			Bruxelles				x	x		