Schematic Program Aula III

	Monday, September 14	Tuesday, September 15	Wednesday, September 16	Thursday, September 17	Friday, September 18	Saturday, September 19
9:00 - 9:20	Registration (Aula VI)	Symposium	Symposium	Symposium	Friday, September 18	Saturday, September 19
9:20 - 9:40	Registration (Aula VI)	Symposium	Symposium	Symposium	Tutorial	i
9:40 - 10:00			Hölscher, Nenci, Troffa:	Van der Ham. Postma:	Tutoriai	
10:00 - 10:20	Doubling on	Toiviainen:	"Environmental determinants	"The neurocognition of categorical and	Lupiañez:	Visit to
10:00 - 10:20	Putting up Poster Presentations	"Spatiotemporal music cognition"		coordinate spatial relation processing"	"Exogenous vs. endogenous	S. Pietro in Vincoli
10:40 - 11:40	(Aula III & IV)	Spatiotemporal music cognition	for orientation and navigation"	coordinate spatial relation processing	exogenous vs. enaogenous spatial orienting"	S. Fletro III VIIIcoli
11:00 - 11:20	(Aula III & IV)				spatial orienting	Presentation of
11:00 - 11:20						Presentation of
11:20 - 12:00	Conference opening (Aula Magna)	Coffee break	Coffee break	Coffee break	Coffee break	the activities of CIRPS
12:00 - 12:20	Keynote (Aula Magna)	Keynote (Aula Magna)	Keynote (Aula Magna)	Keynote (Aula Magna)	Paper Session:	
12:20 - 12:40	Tversky:	Ormerod:	Freksa:	Lupiañez:	Cognitive neuroscience of	
12:40 - 13:00	"Segmenting and connecting	"Optimizing and satisficing	"Spatial reasoning for intelligent	"Orienting attention in space:	action and space	Farewell Lunch
13:00 - 13:20	time and space"	in spatial problem-solving"	action and human-robot interaction"	Attentional capture and voluntary control"		in the Cloister of the
13:20 - 14:40	Lunch time	Lunch time	Lunch time	Lunch time	Lunch time	Faculty of Engineerin
14:40 - 15:00	Symposium	Symposium	Symposium	Symposium	Symposium	(hosted by CIRPS)
15:00 - 15:20	Hois, Kurata:	Bodine, Scherer:	Imberty:	Vickers:	Pazzaglia:	
15:20 - 15:40	"Spatial models meet spatial language:	"The promise and impact of technology	"Music and space:	"Gaze and cognitive control	"Emotion, motivation and cognition	
15:40 - 16:00	Computational and formal models"	in cognition and spatial negotiation"	A phenomenological point of view"	in motor performance"	in human wayfinding behavior"	
16:00 - 16:20						
16:20 - 17:00	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	
17:00 - 17:20	Paper Session:	Paper Session:	Paper Session:	Paper Session:	Doctoral Colloquium	
17:20 - 17:40	Space and	Ecological	Rhythm, language and	Cognitive control	Raffone	
17:40 - 18:00	cognitive performance	spatial cognition	motor action	in space		
18:00 - 18:20	Tutorial	Poster session I	Tutorial	Tutorial		
18:20 - 18:40	Scherer:		Tversky:	Shipley:		
18:40 - 19:00	"Using a mixed method	(Odd numbers)	"Space of thought"	"Understanding events, space and action:		
19:00 - 19:20	research design"			The role of segmentation and grouping"		
19:20 - 19:40						
19:40 - 20:00					Closing of works	
after 20:00	Classical Ballet at the	Night Visit of	Theatre by the Research Group on	Social dinner	Disco night	
arter 20:00	National Dance Academy	Castel Sant'Angelo	Traditional Singing and Theatre Arts	at "La Limonaia". Villa Torlonia	at San Lorenzo	

Schematic Program Aula IV

	Manday Contambas 44		Wednesday September 46		Friday, Cantambas 40	Catuadau Cantambas 40
9:00 - 9:20	Monday, September 14 Registration (Aula VI)	Tuesday, September 15 Paper Session:	Wednesday, September 16 Paper Session:	Thursday, September 17 Paper Session:	Friday, September 18	Saturday, September 19
	Registration (Aula VI)	raper Session.	raper Session.	raper Session.		
9:20 - 9:40					Tutorial	
9:40 - 10:00		Space and language	Virtual environments	Spatial representation	Postma:	
10:00 - 10:20	Putting up				"Remembering where you have been helps	Visit to
10:20 - 10:40	Poster Presentations				remembering what you have done"	S. Pietro in Vincoli
10:40 - 11.00	(Aula III & IV)					
11:00 - 11:20						
11:20 - 12:00	Conference opening (Aula Magna)	Coffee break	Coffee break	Coffee break	Coffee break	
12:00 - 12:20	Keynote (Aula Magna)	Keynote (Aula Magna)	Keynote (Aula Magna)	Keynote (Aula Magna)	Paper Session:	
12:20 - 12:40	Tversky:	Ormerod:	Freksa:	Lupiañez:		
12:40 - 13:00	"Segmenting and connecting	"Optimizing and satisficing	"Spatial reasoning for intelligent	"Orienting attention in space:	Spatial cognition in robotic agents	Farewell Lunch
13:00 - 13:20	time and space"	in spatial problem-solving"	action and human-robot interaction"	Attentional capture and voluntary control"		in the Cloister of the
13:20 - 14:40	Lunch time	Lunch time	Lunch time	Lunch time	Lunch time	Faculty of Engineering
14:40 - 15:00	Paper Session:	Symposium	Symposium	Symposium	Paper Session:	(hosted by CIRPS)
15:00 - 15:20		Gentner:	Catarci, Mecella, Aiello:	Shipley:		
15:20 - 15:40	Development and ageing	"Spatial language	"Spatial and cognitive awareness	"Action and cognition: The role of gesture	Applied spatial cognition	
15:40 - 16:00		and spatial cognition"	in human-sensors environment"	in symbolic spatial reasoning"		
16:00 - 16:20						
16:20 - 17:00	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	
17:00 - 17:20	Paper Session:	Paper Session:	Poster session II	Paper Session:	Paper Session:	
17:20 - 17:40	Learning, attention and space	Space, language and perception		Cognitive neuroscience		
17:40 - 18:00			(Even numbers)	of spatial representation		
18:00 - 18:20	Tutorial	Tutorial		Tutorial	Human navigation	
18:20 - 18:40	Gentner:	Lancioni:		Macaluso:		
18:40 - 19:00	"Analogy and structure-mapping	"Promoting motor responses		"Functional neuroimaging of		
19:00 - 19:20	in spatial learning"	in persons with profound	Symposium	spatial attention"		
19:20 - 19:40		intellectual and multiple disabilities"	SMI SensoMotoric Instruments, Inc.:			
19:40 - 20:00			"Eye Tracking: Window to the Brain!"		Closing of works	
	Classical Ballet at the	Night Visit of	Theatre by the Research Group on	Social dinner	Disco night	
after 20:00	National Dance Academy	Castel Sant'Angelo	Traditional Singing and Theatre Arts	at "La Limonaia", Villa Torlonia	at San Lorenzo	

	SCIENTIFIC PROG	RAM - Monday, September 14, 2009
	Aula III	Aula IV
9:00 - 12:00	Open o	lesk: Registration (Room VI)
12:00 - 13:20	Keynote lecture (Aula Mag	na): Segmenting and connecting time and space
	Barbara	Tversky, Stanford University
13:20 - 14:40		Lunch time
14:40 - 16:20	SYMPOSIUM: Spatial models meet spatial language: Computational and formal models	PAPER SESSION: Development and ageing
	Convenors: Joana Hois & Yohei Kurata, University of Bremen	Chair: Susan Levine, University of Chicago
	14:40 - 15:00 Spatial cognition through the lens of spatial language	14:40 - 15:00 Assessing orientation categorization in the left and right hemispheres of the infant brain
	Michele I. Feist, University of Louisiana at Lafayette	Dianne Catherwood, University of Gloucestershire
	15:00 - 15:20 Translating between spatial representations and spatial language using a vaguefield model	15:00 - 15:20 Effects of ageing and selective attention on movement speed
	Mark M. Hall, Cardiff University	Martin G. Edwards, University of Birmingham
	15:20 - 15:40 Description of movement from a topological viewpoint	15:20 - 15:40 Graphic strategies in Williams syndrome and typically deloping children
	Yohei Kurata, University of Bremen	Kerry Hudson, University of Reading
	15:40 - 16:00 From 'location' to 'place', from 'path' to 'way': Spatiophysical constellation, spatial language, and	15:40 - 16:00 Development of spatial cue integration between and within modalities
	a lexical-semantics model	M. Nardini, University of London
	Matthias Weisgerber, University of Konstanz	
	16:00 - 16:20 General discussion	16:00 - 16:20 The individual alpha EEG indices and nonverbal creativity in young children
		E. A. Sapina, Russian Academy of Medical Sciences
16:20 - 17:00		Coffee break
17:00 - 18:00	PAPER SESSION: Space and cognitive performance	PAPER SESSION: Learning, attention and space
	Chair: Thomas C. Ormerod, Lancaster University	Chair: Dianne Catherwood, University of Gloucestershire
	17:00 - 17:20 Influence of motion and itinerary control on episodic memory	17:00 - 17:20 Moving attention between objects and across space: How the perceptual visual characteristics
	Gaën Plancher, Université Paris Descartes	influence spatial conflict resolution
		Paola Cappucci, Sapienza University of Rome
	17:20 - 17:40 The effects of endogenous and exogenous spatial cueing in a sustained attention task	17:20 - 17:40 Compared influences of controlled and automatic spatial attentions on visuomotor priming effect
	Mara Sebastiani, Sapienza University of Rome	Gérard Olivier, University of Nice Sophia-Antipolis
	17:40 - 18:00 Ability of healthy subjects in orienting after imposed rotations	17:40 - 18:00 Attentional interference facilitates skilled anticipatory action
	Giulia Zanelli, Sapienza University of Rome	Stefano Valenzi, Sapienza University of Rome and RIKEN Brain Science Institute
18:00 - 20:00	TUTORIAL: Using a mixed method research design	TUTORIAL: Analogy and structure-mapping in spatial learning
	Marcia Scherer, University of Rochester	Dedre Gentner, Northwestern University
	SCIENTIFIC PROGI	RAM - Tuesday, September 15, 2009
	Aula III	Aula IV

		Auta III		Add IV	
9:00 - 11:20		SYMPOSIUM: Spatiotemporal music cognition		PAPER SESSION: Space and language	
		Convenor: Petri Toiviainen, University of Jyväskylä		Chair: Michel Denis, ECI, Université Paris Descartes	
	9:00 - 9:20	How movement timing and kinematics are shaped by spatial attributes of pitch during musical sequence	9:00 - 9:20	Towards testing route descriptions for plausibility using a Markov chain	
		production		Andrea Bauer, Technische Universität München	
		Peter E. Keller, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig			
	9:20 - 9:40	Features of body movements during the reproduction of rhythmic patterns: The influence of the	9:20 - 9:40	Language and spatial cue integration: Evidence from verbal interference studies	

	avente complexit	hidith Dak University of Chaffield
	events complexity Giulio Tirinelli, Sapienza University of Rome	Judith Bek, University of Sheffield
	9:40 - 10:00 Perception of expression in conductors' gestures: a continuous response study	9:40 - 10:00 Clothing terms and the body space: A cross-linguistic analysis of image-schemas and lexical fields
	Geoff Luck, University of Jyväskylä	Maria Catricalà, Università di Roma Tre
	10:00 - 10:20 Music embodied in dance: Studies of dance-like movement in different populations	10:00 - 10:20 An investigation into the semantics of English topological prepositions
	Jessica Phillips-Silver, Université de Montréal	John Kelleher, Dublin Institute of Technology
	10:20 - 10:40 Embodied metre: Hierarchical eigenmodes in spontaneous movement to music	10:20 - 10:40 Spoken versus written directions
	Petri Toiviainen, University of Jyväskylä	Marie-Paule Daniel, Limsi - Cnrs
	10:40 - 11:00 Spatial cognition of Samba and Charleston	10:40 - 11.00 Exploring the relationship between spatial language and spatial cognition using the Spanish copula estar
	Marc Leman, Ghent University	Monica Gonzalez-Marquez, Cornell University
	11:00 - 11:20 General discussion	11:00 - 11:20 Assessing perspective in human-computer route dialogues: A contextual factor model
	11.50 Ti.20 Octional diodeoloti	Robert J. Ross, University of Bremen
11:20 - 12:00		Coffee break
12:00 - 13:20		mizing and satisficing in spatial problem-solving
		nerod, Lancaster University
13:20 - 14:40		Lunch time
14:40 - 16:20	SYMPOSIUM: The promise and impact of technology in cognition and spatial negotiation	SYMPOSIUM: Spatial language and spatial cognition
	Convenors: Cathy Bodine (University of Colorado Denver) & Marcia J. Scherer (University of Rocheste	r) Convenors: Dedre Gentner, Northwestern University
	14:40 - 15:00 A five-year retrospective: Lessons learned about technology and cognition	14:40 - 15:00 The relation between spatial language and spatial thinking
	Cathy Bodine, University of Colorado Denver	Susan C. Levine, University of Chicago
	15:00 - 15:20 Orientation technology with direction cues or corrective feedback for indoor travel of persons with	15:00 - 15:20 Effects of spatial language on spatial cognition during development
	multiple disabilities	Dedre Gentner, Northwestern University
	Giulio Lancioni, University of Bari	
	15:20 - 15:40 Enhancing learning through spatial cognition and awareness	15:20 - 15:40 Spatial language supports spatial cognition: Evidence from deaf homesigners
	Susan Treichler, Arvada public school, Colorado	Susan Goldin-Meadow, University of Chicago
	15:40 - 16:00 Measuring the impact of technology on spatial cognition: How, when and with whom	15:40 - 16:00 Computational modeling at the intersection of spatial, linguistic, and conceptual knowledge
	Marcia J. Scherer, University of Rochester	Kenneth D. Forbus, Northwestern University
	16:00 - 16:20 General discussion	16:00 - 16:20 General discussion
16:20 - 17:00		Coffee break
17:00 - 18:00	PAPER SESSION: Ecological spatial cognition	PAPER SESSION: Space, language and perception
	Chair: Cathy Bodine, University of Colorado Denver	Chair: Albert Postma, Utrecht University
	17:00 - 17:20 The effects of 'order' and 'disorder' on human cognitive perception in mavigatin through urban	17:00 - 17:20 Photometric, figural and crossmodal factors in the perception of transparency and in depth stratification
	environments	of layers
	Alexandra Brettel, University College London	Franco Delogu, RIKEN Brain Science Institute and Sapienza University of Rome
	17:20 - 17:40 Investigating spatial behaviour: An application of space analysis to criminal investigations	17:20 - 17:40 Using space to represent data: Diagrammatic reasoning
	Lorenzo P. Luini, Sapienza University of Rome	Valeria Giardino, Institut Jean Nicod (CNRS-EHESS-ENS)
	17:40 - 18:00 Solid waste incineration and distance distortion: Distance estimation as an adaption tool	17:40 - 18:00 A study on the spatial perception in contemporary Japan through the analysis of the relationship between
	Sílvia Luís, University of Lisbon	graphic and architectural language
		Maria Livia Olivetti, University of Roma Tre
18:00 - 20:00	POSTER SESSION I	TUTORIAL: Promoting motor responses in persons with profound intellectual and multiple disabilities

	SCIENTIFIC PROGRAM -	Wednesday, September 16, 2009
	Aula III	Aula IV
9:00 - 11:20	SYMPOSIUM: Environmental determinants of orientation and navigation	PAPER SESSION: Virtual environments
	Convenors: Christoph Hölscher (University of Freiburg), Anna-Maria Nenci (LUMSA),	Chair: Christian Freksa, University of Bremen
	Renato Troffa (University of Cagliari)	
	9:00 - 9:20 The influence of spatial structure and configuration on behaviour: Case study of a complex school	9:00 - 9:20 Spatial problem solving: Assembling three-dimensional puzzles in real and virtual environments
	environment	Sarwan Abbasi, Université Paris Descartes
	Erica Calogero, University College London	
	9:20 - 9:40 The relative importance of environmental factors on path choice	9:20 - 9:40 Learning a route in a virtual environment: The effects of differing cues on the performance of typical
	John Zacharias, Concordia University	children and individuals with William syndrome
		Emily Farran, Université de Lille 3
	9:40 - 10:00 Escape: Wayfinding strategies and emergency	9:40 - 10:00 Spatial learning from tactile maps and virtual GPS audio guidance: Evaluation and comparison
	Renato Troffa, University of Cagliari	James R. Marston, UC Santa Barbara
	10:00 - 10:20 How the geometry of space controls visual attention during wayfinding	10:00 - 10:20 Barrier effects in real-world compared to virtual reality macro environments
	Jan Wiener, University of Freiburg	Eva Neidhardt, University of Lüneburg
	10:20 - 10:40 Location and task effects on route learning in a large-scale virtual environment	10:20 - 10:40 Enhancing navigation performance by cognitively motivated representation of angle information in virtual
	Simon Büchner, University of Freiburg	environments: The case of 3D wayfinding choremes
		Denise Peters, University of Bremen
	10:40 - 11.00 Synchronization of brain dynamics with navigation behaviors in full scale, stereoscopic 3D virtual reality	10:40 - 11.00 A visual sonificated web search clustering engine
	architecture	Alessio Rugo, University of Perugia
	Eve A. Edelstein, University of California	
	11:00 - 11:20 General discussion	
11:20 - 12:00	Co	ffee break
12:00 - 13:20	Keynote lecture (Aula Magna): Spatial reason	ng for intelligent action and for human- robot interaction
	Christian Freks	a, University of Bremen
13:20 - 14:40	L	unch time
14:40 - 16:20	SYMPOSIUM: Music and space: A phenomenologic point of view	SYMPOSIUM: Spatial and cognitive awareness in human-sensors environments
	Convenor: Michel Imberty, University of Paris X, Nanterre	Convenors: Tiziana Catarci & Massimo Mecella (Sapienza University of Rome),
		Marco Aiello (University of Groningen)
	14:40 - 15:00 Music and space in the works of Maria Elena Vieira da Silva and Emmanuel Nunes	14:40 - 15:00 Novel techniques for voice-based spatial awareness in domotic environments
	Jean-Marc Chouvel, Université de Reims	Maurizio Omologo, ITC-IRST
	15:00 - 15:20 The sound dimension of the painted Palaeolithic caves	15:00 - 15:20 Brain-computer interfaces (BCIs) for next-generation immersive applications
	légor Reznikoff, Université de Paris Nanterre La Défense	Febo Cincotti, Santa Lucia Foundation
	15:20 - 15:40 Categorizing musical space	15:20 - 15:40 Interaction between navigation systems and human users in spatial environments
	Makis Solomos, Universite Montpellier 3	Christian Freksa, University of Bremen
	15:40 - 16:00 How space sounds: An inner view of space as a real compositional parameter	15:40 - 16:00 Cognitive vision of objects
	Valerio Sannicandro, IRCAM Paris	Arnold W. M. Smeulders, University of Amsterdam

	16:00 - 16:20	Echo in music: From spatial figures to temporal figures Michel Imberty, University of Paris X, Nanterre
16:20 - 17:00		
17:00 - 18:00		PAPER SESSION: Rhythm, language and motor action
		Chair: Petri Toiviainen, University of Jyväskylä
	17:00 - 17:20	Actual versus perceived embodiment of a rhythmic pulse
		Geoff Luck, University of Jyväskylä
	17:20 - 17:40	Contrast sets in spatial and temporal language
		Thora Tenbrink, University of Bremen
	17:40 - 18:00	Failure of spatial remapping underlies constructional apraxia after right hemisphere stroke
		Russell, Brunel University and Santa Lucia Foundation
18:00 - 20:00		TUTORIAL: Spaces of thought
		Barbara Tversky, Stanford University

16:00 - 16:20 General discussion

Coffee break

17:00 - 19:00 POSTER SESSION II

Even numbers

19:00 - 20:00 SYMPOSIUM: Eye Tracking: Window to the Brain!

SMI SensoMotoric Instruments, Inc. (Teltow, Germany)

	SCIENTIFIC PROGRAM -	y, September 17, 2009		
	Aula III	Aula IV		
9:00 - 11:20	SYMPOSIUM: The neurocognition of categorical and coordinate spatial relation processing	PAPER SESSION: Spatial representation		
	Convenors: Ineke van der Ham & Albert Postma, Utrecht University	Chair: Barbara Tversky, Stanford University		
	9:00 - 9:20 Hemispheric contribution to categorical and coordinate representational processes: A study on	9:00 - 9:20 Alignment of spatial perspective		
	brain-damaged patients	Elena Andonova, University of Bremen		
	Liana Palermo, Sapienza University of Rome			
	9:20 - 9:40 Spatial relation processing in perceived and remembered scenes	9:20 - 9:40 Some reflections about the so-called "mirror paradox"		
	Ineke van der Ham, Utrecht University	Pietro Chistolini, Technologies and Health Department, Rome		
	9:40 - 10:00 The relationship between egocentric/allocentric frames and categorical/coordinate information	9:40 - 10:00 Effects on space representation of using a tool and a button		
	Tina lachini, Second University of Naples	llaria Gaudiello, University of Bologna		
	10:00 - 10:20 Processing coordinate and categorical spatial relations with different apertures of attention	10:00 - 10:20 Reorientation by slope cues in humans		
	Bruno Laeng, University of Oslo	Daniele Nardi, Temple University		
	10:20 - 10:40 Is the cerebral processing of categorical and coordinate spatial relations based on different or	10:20 - 10:40 The role of vision in egocentric and allocentric spatial frames of reference		
	identical but differentially activated functional networks?	Gennaro Ruggiero, Second University of Naples		
	Christine Schiltz, University of Luxembourg			
	10:40 - 11.00 rTMS study of categorical and coordinate processing	10:40 - 11.00 Mechanisms of large-scale environmental search: Probability cueing depends on the relationship		
	Luigi Trojano, Second University of Naples	between landmarks and target distribution		
		Alastair D. Smith, University of Nottingham		
	11:00 - 11:20 General discussion	11:00 - 11:20 The neural correlates of spatial reference frames processing		
		Michal Vavrečka, Department of Cybernetics, FEL CVUT, Prague		
11:20 - 12:00	Cof	Coffee break		
12:00 - 13:20	Keynote lecture (Aula Magna): Orienting attention in space: Ex	Externally and internally-driven attentional capture and voluntary control		
	Juan Lupiáñez,	z, University of Granada		
13:20 - 14:40	Lu	Lunch time		
14:40 - 16:20	SYMPOSIUM: Gaze and cognitive control in motor performance	SYMPOSIUM: Action and cognition: The role of gesture in symbolic spatial reasoning		

	Conveney Jose N. Vielere University of Colons	Conveney Thomas F. Chinley Tample University
	Convenor: Joan N. Vickers, University of Calgary	Convenor: Thomas F. Shipley, Temple University
	14:40 - 15:00 Mapping the constraints on visual search behaviour in sport	14:40 - 15:00 Gesture training leads to improvement in children's mental rotation skill
	A. Mark Williams, Liverpool John Moores University	Susan C. Levine, University of Chicago
	15:00 - 15:20 Police performing and training under pressure	15:00 - 15:20 Gesture changes thought by grounding it in action
	Raôul R. D. Oudejans, Vrieje University	Susan Goldin-Meadow, University of Chicago
	15:20 - 15:40 Visuo-motor control in far aiming tasks: Re-examining the location suppression hypothesis	15:20 - 15:40 Gesture lends a hand to spatial communication
	Mark Wilson, University of Exeter	David Uttal, Northwestern University
	15:40 - 16:00 Quiet eye control strategies in interceptive timing actions	15:40 - 16:00 Thinking with gestures
	Derek Panchuk, Victoria University	Angela Kessell, Columbia University
	16:00 - 16:20 Gaze and shooting performance of police officers in a force on force encounter	16:00 - 16:20 General discussion
	Joan N. Vickers, University of Calgary	
16:20 - 17:00	Coffe	ee break
17:00 - 18:00	PAPER SESSION: Cognitive control in space	PAPER SESSION: Cognitive neuroscience of spatial representation in imagey and perception
	Chair: Juan Lupiañez, University of Granada	Chair: Alberto Priori, University of Milan
	17:00 - 17:20 Geometry and space: The spatial-angle association of response codes (S.AN.A.R.C. effect)	17:00 - 17:20 Action simulation and spatial representation: An ERPs analysis applied to a motor imagery task
	Antonia Fumarola, University of Trieste	Michela Balconi, Catholic University of Milan
	17:20 - 17:40 Task complexity modulates trade-off between locomotion and working memory usage in a large copying	17:20 - 17:40 Gestalt's principles in the brain: Left frontal-eye-field and the rule of good continuation
	paradigm	Gianluca Campana, University of Padua
	G. Hardiess, University of Tübingen	
	17:40 - 18:00 Solving three spatial conflict types as a time: Evidence for multiple conflict control mechanisms	17:40 - 18:00 Mental imagery generation in different modalities activates sensory-motor areas
	Maria Jesus-Funes, University of Granada	Massimiliano Palmiero, Sapienza University of Rome and Riken Brain Science Institute, Tokyo
18:00 - 20:00	TUTORIAL: Understanding events, space and action: The role of segmentation and grouping	TUTORIAL: Functional neuroimaging of spatial attention
	Thomas F. Shipley, Temple University	Emiliano Macaluso, Santa Lucia Foundation
		Friday, September 18, 2009
	Aula III	Aula IV
9:20 - 11:20	TUTORIAL: Exogenous vs. endogenous spatial orienting	TUTORIAL: Remembering where you have been help remembering what you have done: The shared
	Juan Lupiañez, University of Granada	neuro-cognitive basis between spatial and episodic memory
		Albert Postma, Utrecht University
11:20 - 12:00	Coffe	pe break
12:00 - 13.20	PAPER SESSION: Cognitive neuroscience of action and space	PAPER SESSION: Spatial cognition in robotic agents
	Chair: Emiliano Macaluso, Santa Lucia Foundation	Chair: Falko Schmid, University of Bremen
	12:00 - 12:20 Voluntary modification of musical execution by neurofeedback training	12:00 - 12:20 Spatial language for route-based humanoid robot navigation
	O. M. Bazanova, Russian Academy of Medical Sciences	Mohammed Elmogy, University of Hamburg
	12:20 - 12:40 Spatial and temporal cognition for the sense of agency: Neupsychological evidences	12:20 - 12:40 A study on a shared control navigation system: Human/Robot collaboration for assisting people in mobility
	Michela Balconi, Catholic University of Milan	Francesco Galluppi, Sapienza University of Rome
	12:40 - 13:00 Motor control in young patients with unilateral brain lesions: An MEG study	12:40 - 13:00 Spatial processes in mobile robot tele-operation
	Paolo Belardinelli, Helsinki University of Technology	Alberto Valero-Gomez, Sapienza University of Rome
	13:00 - 13:20 Neural encoding underlying human action understanding and decision processes spread beyond the	13:00 - 13:20 Place cognition as an example of situated cognition: A study with evolved agents
	cerebral cortex: The dynamics of basal ganglia oscillations	Orazio Miglino, University of Naples "Federico II"

		Alberto Priori, University of Milan		
13:20 - 14:40			Lunch time	
14:40 - 16:20		SYMPOSIUM: Emotion, motivation and cognition in human wayfinding behavior		PAPER SESSION: Applied spatial cognition
		Convenor: Francesca Pazzaglia, University of Padua		Chair: Thomas F. Shipley, Temple University
	14:40 - 15:00	Anxiety dependent spatial navigation strategies in virtual and real space	14:40 - 15:0	O Considerations in designing research to evaluate wayfinding technologies
		János Kállai, University of Pécs		James R. Marston, UC Santa Barbara
	15:00 - 15:20	Influence of motivation on wayfinding	15:00 - 15:2	20 Aging in mental representation from spatial descriptions: Role of spatial perspective and visuo-spatial
		Samvith Srinivas, University of Pittsburgh		ability
				Chiara Meneghetti, University of Padua
	15:20 - 15:40	A neural mechanism underlying successful wayfinding	15:20 - 15:4	0 A model to characterise re-orientation strategies in natural orifice translumental endoscopic surgery
		Gabriele Janzen, Radboud University and Donders Institute for Brain		(NOTES)
				Mikael H. Sodergren, Imperial College London
	15:40 - 16:00	Clinical and rehabilitation approach to navigation and spatial representation deficits: Description of a	15:40 - 16:0	O Surgical wayfinding and navigation processes in the human body
		patient with posterior cortical atrophy		Thomas Stüdeli, Delft University of Technology
		Simona Gardini, University of Parma		
	16:00 - 16:20	Route-learning in young and older subjects in a virtual town	16:00 - 16:2	Developing spatial skills for adolescents
		Valerie Gyselinck, University of Padua		Sheryl Sorby, Michigan Technological University
16:20 - 17:00			Coffee break	
17:00 - 19:40		DOCTORAL COLLOQUIUM		PAPER SESSION: Human navigation
		Chair: Antonino Raffone, Sapienza University of Rome		Chair: Joan N. Vickers, University of Calgary
	17:00 - 17:25	Influence of manual and ocular motor preparations on tactile and visual attention efficiency	17:00 - 17:2	0 Background knowledge in human navigation: A case study in a supermarket
		Alexandre Coutté, University of Nice Sophia-Antipolis		Christopher Kalff, University of Freiburg
	17:25- 17:50	Using a virtual environment in assessing environmental spatial abilities	17:20 - 17:4	0 How fine-grained spatial analyses help us understand navigation behavior and performance with maps
		Nurul Mohd Noor, Lancaster University		Gregory Kuhnmuench, University of Freiburg
	17:50 - 18:15	Neuropsychology of spatial imagery: Visual mental imagery and perception in subject with acquired	17:40 - 18:0	O Street morphology and its effects on pedestrian movement in historical Cairo
		brain damage		Nabil Mohareb, United Arab Emirates University
		Serena Oliveri, Catholic University of Milan	18:00 - 18:2	Trajectory reconstruction with human behavioral route choice heuristics
	18:15 - 18:40	Avoid me - A spatial movement concept in human-robot-shared environments		Falko Schmid, University of Bremen
		Annika Peters, Bielefeld University	18:20 - 18:4	O Changes in spatial anxiety when learning a new environment
	18:40 - 19:05	Evaluation of distances in virtual environments: Differences in visualization systems		Valeria Tierno, Utrecht University and Sapienza University of Rome
		Chiara Saracini, Sapienza University of Rome	18:40 - 19:0	O Cognitive mapping analysis and regional identity
	19:05 - 19:30	Use of a motorized platform and an instrumented helmet to analyze the head kinematics during		Renato Troffa, University of Cagliari
		equilibrium perturbation	19:00 - 19:2	Influences of map view and environmental conditions on mental maps of map users
		Giulia Zanelli, Sapienza University of Rome		Markus Wunderlich, University of Bonn
19:40 - 20:00		CI	losing of works	

SCIENTIFIC PROGRAM - Saturday, September 19, 2009

Faculty of Engineering

Presentation of the activities of CIRPS (Interuniversity Center for Research on Sustainable Development)

Farewell Lunch, hosted by CIRPS

11:00 - 12:30 12.30

	SCIENTIFIC PROG	SRAM - I	Poster Sessions
	Aula III - Tuesday, September 15, 18:00 - 20:00		Aula IV - Wednesday, September 16, 17:00 - 19:00
1	Video game play changes spatial and verbal memory: Rehabilitation of a single case with traumatic brain injury	2	Effects of action observation on movement execution
	Marcella Caglio, University of Turin		Robert Hardwick, University of Birmingham
3	Planned behavior and "local" norms: an analysis of the space-based aspects of normative ecological behaviour	4	The effect of age on egocentric and allocentric spatial frames of reference
	Giuseppe Carrus, University of Roma Tre		Tina lachini, Second University of Naples
5	Line bisection performances in depressives	6	How do we use distance representation based on spatial terms?
	Andrei Dumbrava, Al.I. Cuza University		Takatsugu Kojima, Kyoto University
7	Visual and verbal creativity, and their relationship with visuo-spatial and verbal proficiency	8	Eye movements and mental models in reasoning with cardinal directions
	Massimiliano Palmiero, Sapienza University of Rome and RIKEN Brain Science Institute		Maren Lindner, University of Bremen
9	Visual search and visual feedback in Williams syndrome and typical development	10	A virtual reality based tool for the assessment of "survey to route" spatial organization ability in elderly
	Susan Formby, University of Reading		population: Preliminary data
11	Employing eye-gaze and arrow as cue to attention: Two different modes of attentional selection		Francesca Morganti, University of Bergamo
	Andrea Marotta, Sapienza University of Rome	12	Hearing the "time is space" conceptual metaphor: A cross-cultural study
13	The situational influence of location and body orientation on the recall of survey knowledge		Marc Ouellet, University of Granada
	Tobias Meilinger, Max-Planck-Institute for Biological Cybernetics	14	Age differences in spatial orientation ability: What is preserved in the elderly?
15	A meta-analysis of environmental spatial abilities		Felicia Fiore, University of Padua
	Nurul Mohd Noor, Lancaster University	16	Age and sex differences in a virtual version of the reorientation task
17	Pure imagery neglect for places and for objects		Luciana Picucci, University of Bari
	Liana Palermo, Sapienza University of Rome	18	On the role of conceptual and linguistic ontologies in the production of wayfinding dialogues
19	Embodying spatial relations in action and perception: a computational model		Robert J. Ross, University of Bremen
	Ivan I. Vankov, New Bulgarian University	20	Interaction between egocentric and allocentric frames of reference
21	From visual perception to place		Francesco Ruotolo, Second University of Naples
	Johannes Wolter, University of Bremen	22	Line bisection performances in apathy versus depression
23	Short and long-term correlations in repetitive movements		Andrei Dumbrava, Al.I. Cuza University
	Irene Ruspantini, Technologies and Health Department, Rome	24	Multimodal device for assessing children orienting behavior in ecological environments
25	Monitoring changes in the spread of spatial attention following loss of situation awareness		Giuseppina Schiavone, Campus Bio-Medico, Rome
	Graham K. Edgar, University of Gloucestershire	26	Construction of complex mental images
27	Word retrieval activations related to the contextual spatial tasks (Navigation and Allocentric) performed during		Jan Frederik Sima, University of Bremen
	their encoding: Preliminary fMRI results	28	Reference frame activation in spatial language: temporal dynamics
	Alice Gomez, Université Pierre Mendès-France		Marijn E. Struiksma, Utrecht University
29	Which kind of attention is necessary for perceiving gaze direction? Evidence from the locus-of-slack method	30	Architecture as interaction factor on virtual museums design
	Paola Ricciardelli, University of Milano - Bicocca		Talita Christine P. Telma, Freiburg University
31	What kind of mental images are spatial forms?	32	Components of visual neglect: Attentional bias vs. spatial working memory impairement
	Mark Price, University of Bergen		Monica Narcisa Toba, Université Pierre et Marie Curie-Paris6 and Inserm, U975, Paris