




"Basics in motion analysis "

Milan, September 10-21 Sept 2007

Welcome

Topics

 Project description (in general and in detail the organization of the activity of the first year)

 Description of the activity of these following days



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September 10 - 12th 2007





The project

The Project TRAMA Network was born with the aim of training researchers in the field of quantitative analysis of movement creating a Network among all the Institutions involved in the Project.






TRAMA Project is one of the project of Programme α LFA (America Latina – Formacion Academica), which is a programme of co-operation between higher education institution of the European Union and Latin America



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Aims of the project

-  Training about the use of the equipment usually present in a Motion Analysis Lab, about the use of new experimental set-ups for movement analysis and about the development of new methodologies;
-  Training via web and in practical session in the Labs, about the evaluation of the data acquired in motion analysis Labs and their clinical meaning;
-  Network realization for a continue teaching assistance within different Institutions involved in the Project.

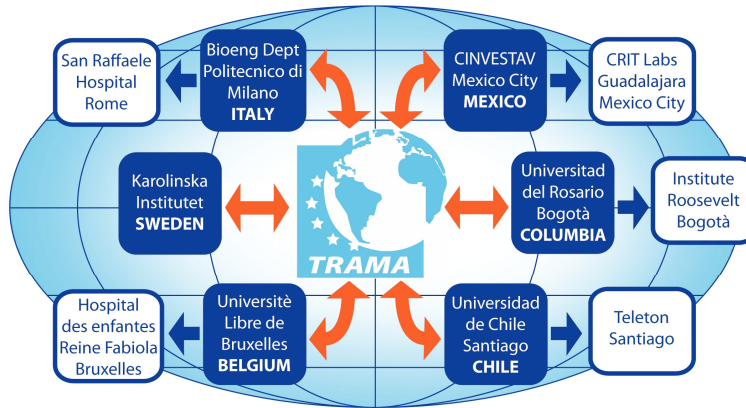


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Project description :network



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Partners

- Dipartimento di Bioingegneria - Politecnico di Milano - ITALY - www.movlab.it - manuela.galli@polimi.it
- Karolinska Institutet - SWEDEN - www.ki.se - Helga.Hirschfeld@ki.se
- Université Libre de Bruxelles - BELGIUM - www.ulb.ac.be - gcheron@ulb.ac.be
- Universidad de Chile - Santiago - CHILE - www.med.uchile.cl - cpaolinelli@redclinicauchile.cl
- Universidad del Rosario - Bogotá - COLUMBIA - www.urosario.edu.co - ivanuribe@yahoo.com
- CINESTAV - Mexico City - MEXICO - www.cinestav.mx - parohero@cinestav.mx




FULL PARTNERS or UNIVERSITIES

Role in the project: teaching activity and coordination of the Grant - Holders




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 **Partners**

- San Raffaele Hospital - Roma - **ITALY** - www.sanraffaele.it - giorgio.albertini.it
- Hôpital des enfants Reine Fabiola - Bruxelles - **BELGIUM** - bernard.dan@ulb.ac.be
- Teleton Santiago - **CHILE** - www.teleton.cl - slillo@teleton.cl
- Institute Roosevelt - Bogotá - **COLUMBIA** - www.instituto Roosvelt.org.co - ivanuribe@yahoo.com
- CRIT Labs - Guadalajara - Mexico City - **Mexico** - www.teleton.org.mx - pichardo@teleton.org.mx







ASSOCIATE PARTNERS or CLINICAL CENTRES
Role in the project: teaching activity and disposal of their motion analysis for practical experiences



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 **Grant holders**

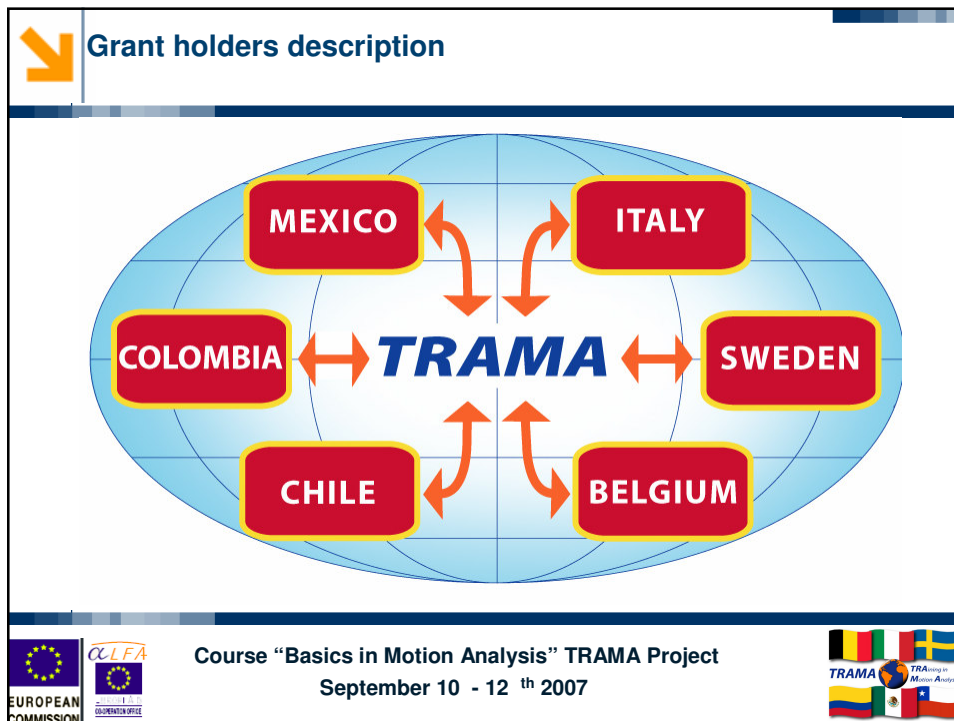
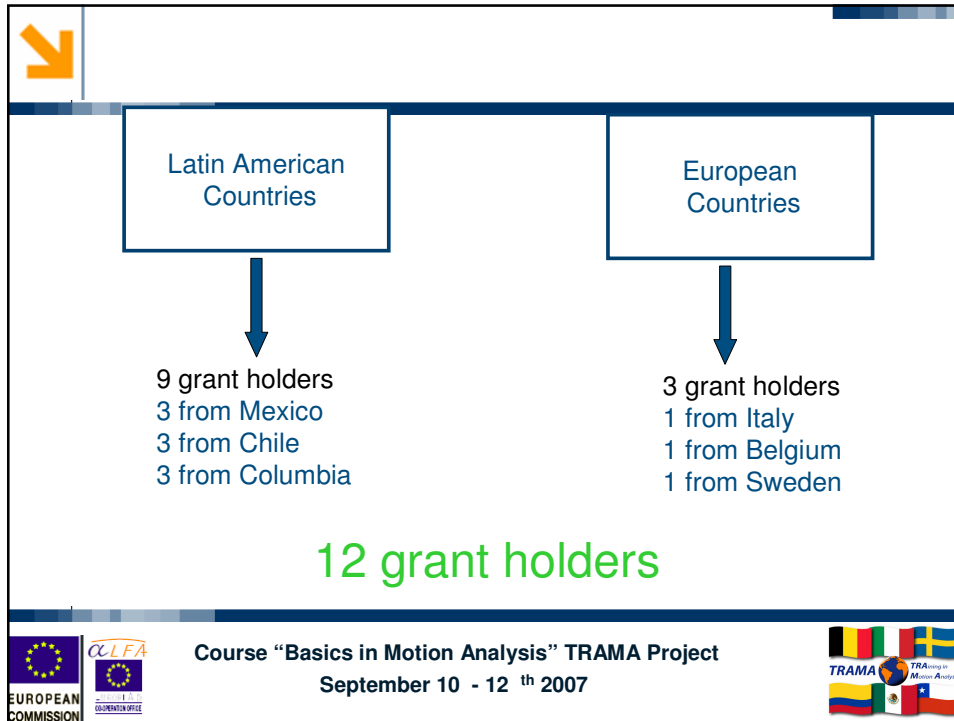
SELECTION CRITERIA

-  People already involved in a FULL or ASSOCIATE partner.
-  With an experience in the filed of rehabilitation or with a technical education
-  i.e: medical doctors, physiotherapists, engineer,.....



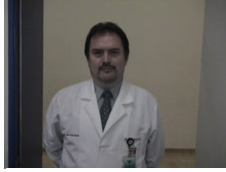
They will become “experts” in the field of Motion analysis
Mainly for Latin America



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GRANT HOLDERS MEXICO : Medical doctors



Dr Juan Carlo Perez

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 email: jperez@teleton.org.mx
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Dr Ariadna Anandy Cedillo Maradiaga

 Ph. +
 Fax +
 email: aryivpa@hotmail.com
 CRIT Guadalajara Mexico City



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GRANT HOLDERS MEXICO : Engineer



Eng. Eladio Cardiel

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 Cinvestav Mexico City



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GRANT HOLDERS:COLOMBIA



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Dr Luis Eduardo Rueda Fonseca



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[Roosevelt Institute](#)



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GRANT HOLDERS: CHILE






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Dr Claudio Rozbaczylo


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GRANT HOLDERS : CHILE




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GRANT HOLDER: Belgium



Dr. Françoise Leur:

Ph. +

Fax +

email: x@x.x



x



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GRANT HOLDER Sweden



Dr. Ingrid Claesson

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Fax +

email: ingrid.claesson@karolinska.se



[Karolinska Institute](http://www.karolinska.se)




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GRANT HOLDER Italy

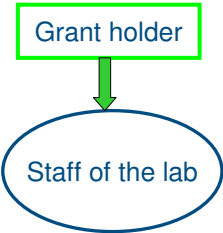


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The role of grant holders

- To learn during courses and during practical session in Labs
- To transfer all the information learned to the movement analysis group (if exist)



The grant holder are requested to share with other people of the lab all the info in order to transfer the knowledge at the gait lab. Besides this if one grant holder exits from the project, for any reasons it will be easier to find a substitute.



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The final report



**Final thesis about a defined argument:
Definition of a specific protocols for the evaluation of
functional limitation related to a specific pathology**



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Courses




-  Theoretical courses (mainly in the first year) and didactic in lab
-  Practical sessions in labs (both EU both LA)



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First year

EVENT	PLACE	TIME (DURATION)	PARTICIPANTS	
			TEACHER	GRANT HOLDER
FIRST YEAR				
First meeting 	Milan	11 may 2007	7LA+5EU	
Course: Basics in MA 	Milan	10th – 12th September 2007 (3 days)	5EU	3EU+9LA
Practical session 	Milan	13th – 22nd September 2007 (10 days)		9LA
Course: MA and clinics	Bruxelles	14th – 17th January 2007 (4 days)	4EU+7LA	3EU+9LA
Practical session	Bruxelles	18th – 28th January 2007 (11 days)		9LA
MAL set up and running	Chile	10th – 14th March 2008 (5 days)	5EU	3EU+9LA
Second meeting	Via web	March 2008	3EU+3LA	



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Second year

EVENT	PLACE	TIME (DURATION)	PARTICIPANTS	
			TEACHER	GRANT HOLDER
SECOND YEAR				
MALs management and organization	Milan	May 2008 (3 days)	1EU	9LA
Practical sessions in EU MALs	Milan, Bruxelles, Stockholm	May, June, July 2008 (1 month at each of 3 EU institution)		3EU+9LA
Practical sessions in each own MAL	Own MAL	September 2008- February (2009) (6 months)		3EU+9LA
Results evaluation	Mexico City Bogotà Cile	March 2009 (3 days)	4EU	9LA
Third meeting	Via web	April 2009	3EU+3LA	



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Third year

EVENT	PLACE	TIME (DURATION)	PARTICIPANTS	
			TEACHER	GRANT HOLDER
THIRD YEAR				
Final practical activity in LA MALS	Mexico City Bogotá Cile	June 2009		3EU
MAL business plan simulation	Milan Mexico City	September/October 2009 (7 days)	1EU	3EU+9LA
Final meeting	Bogotá	April 2010 (4 days)	7LA+6EU	3EU+9LA



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All the info inside the web www.biomed.polimi.it/trama

TRAMA *TR*aining in *M*otion *A*nalysis

America Latina Formación Académica
Cooperation Programme between
higher education institutions of the European Union
and Latin America

ERDF/ERAC
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ALFA Web Page : <http://europe.eu.int/comm/transport/projects/alfa>

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ALFA Web Page : <http://europe.eu.int/comm/transport/projects/alfa>

ENGLISH ESPANOL ITALIANO

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Concerning the web

🇪🇺 Check the website at biomed.polimi.it/trama
www.biomed.polimi.it/trama

🇪🇺 Any suggestions are welcome

🇪🇺 Please provide photo, materials and other info for the web site

🇪🇺 HELPDESK: contact with the PARTNERS. MSN will work for you??



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First Year activities



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First course: Basics in Motion analysis

Place:

Politecnico of Milan, Bioeng. Dept., "LuigiDivieti" Laboratory

Coordinators:

Prof. Marcello Crivellini – Ing. Manuela Galli (Politecnico of Milan, Italy)

Period:

10-21 September 2007

Duration:

3 days (theory) + 12 days (practical session) residence for LA Grant Holders in Milan (15 days totally)



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First course: Basics in Motion analysis

EU teachers:

Ing. Manuela Galli (Italy)
Prof. Giorgio Albertini (Italy)
Prof. Helga Hirschfeld (Sweden)
Prof. Guy Cheron (Belgium)



Aim of the course:

To supply all grant holders with a common language and knowledge of the fundamentals of motion analysis for clinical use.




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Course program



Practical session program



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**Second course:
Motion analysis and clinics: why to set-up a MAL?**

Place:
Université Libre de Bruxelles

Coordinator:
Prof. Guy Cheron (Université Libre de Bruxelles, Belgium)

Period:
Middle of January 2008 (14-28 of January)

Duration:
4 days (theory) + 11 days (practical session) residence for LA
Grant Holders in Bruxelles (15 days totally)



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Second course: Motion analysis and clinics: why to set-up a MAL?

EU teachers:

Prof. Marcello Crivellini (Italy)
Ing. Manuela Galli
Prof. Guy Cheron
Dr. Dan Bernard
Prof. Helga Hirschfeld

LA teachers:

Prof. Carlo Paolinelli (Chile)
Dr. Susana Lillo (Chile)
Prof. Juan A. Castillo (Colombia)
Dr. Ivan C. Uribe (Colombia)
Prof. Pablo R. Hernandez (Mexico)
Dr. Pichardo (CRIT Mexico)
CRIT Guadalajara

Aim of the course:

To introduce daily MAL activities in the clinical setting. Each lab involved in the Project will share its own experiences and competencies with the other groups. In the final day of the course, workshop to allow exchange of experiences will be arranged.



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Third course: MOTION ANALYSIS Laboratory: set up and running

Place:

Laboratory of Motion Analysis, TELETON, Chile Santiago del Chile

Coordinator:

Prof. Susana Lillo

Period:

Beginning of March 2008 (from 3 to 7 of March 2008)

Duration:

5 days (theory) for 12 Grant Holders



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MOTION ANALYSIS Laboratory: set up and running

EU teachers:

Prof. Marcello Crivellini (Italy)
Ing. Manuela Galli (Italy)
Prof. Guy Cheron (Belgium)
Prof. Helga Hirschfeld (Sweden)
Prof. Giorgio Albertini (Italy)

Aim of the course:

Teaching of the expertise of each reference EU group to LA labs regarding specific motor tasks. The course, with practical lessons in a lab, will involve the different research groups working on MA investigation in order to define a common protocol. Speakers will be Professors from each EU reference lab.



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GOOD WORK!!!



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