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Project acronym: ARAKNES

Project title: Array of Robots Augmenting the KiNematics of Endoluminal Surgery

Funding scheme: Large-scale integrating project (IP), FP7-ICT-Challenge 3: Components, systems and engineering/Micro/nano systems

Project website address: www.araknes.org

D11.1

Web page of the project

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Deliverable author: Fabrizio Vecchi

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Project co-funded by the European Commission within the Seventh Framework Programme (2007-2013)		
Dissemination Level		
PU	Public	X
PP	Restricted to other programme participants (including the Commission Service)	
RE	Restricted to a group specified by the consortium (including the Commission Service)	
CO	Confidential, only for members of the consortium (including the Commission Service)	

Document History

Version	Date	Author	Summary of Main Changes
1	02/08/2008	Fabrizio Vecchi, SSSA	First Deliverable submission
2	13/11/2008	Fabrizio Vecchi, SSSA	Deliverable author, document history, executive summary and conclusions were integrated in the last version of the deliverable
3	18/11/2008	Paolo Dario, SSSA	Revision and approval
4	18/11/2008	Fabrizio Vecchi, SSSA	Deliverable submitted

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1 Executive summary

The deliverable 11.1 contains all the useful information about the Web page of the Project. That has been developed to implement an incisive Project dissemination activity and an operative management instrument.

The ARAKNES web pages are online at the address www.araknes.org and it is organised in 13 different sections: Home, Project, Results, ARAKNES events, Consortium&People, News, Links, Press&Media, Downloads, Contacts, Internal web site (<http://www-crim.sssup.it/Araknes/doku.php?do=login&id=start>), Hot Topics and News.

The sections "News" and "Hot Topics" will be continually updated in order to highlight the actual and topic events and news.

2 Web page of the ARAKNES Project

The web page of the ARAKNES Project (www.araknes.org) is online.

The home page is presented in figure 1.



A.R.A.K.N.E.S.
Array of Robots Augmenting the Kinematics
of Endoluminal Surgery

Large-Scale Integrating Project (IP)-ICT-2007-2#224565
DURATION: 01.05.2008 > 30.04.2012

The research leading to these results has received funding from the **European Community's Seventh Framework Programme** (FP7/2007-2013)FP7-ICT-Challenge 3: Components, Systems and Engineering/Micro/Nano System  

- HOME
- PROJECT
- RESULTS
- ARAKNES EVENTS
- CONSORTIUM & PEOPLE
- NEWS
- LINKS
- PRESS & MEDIA
- DOWNLOADS
- CONTACTS

Internal Web Site
PW REQUIRED

Home.

ARAKNES is focused on innovative robotic system for endoluminal surgery. The project aims at bringing inside the patient's stomach a set of advanced bio-robotic and microsystem technologies for therapy and surgery.

The ultimate goal of ARAKNES is to integrate the advantages of traditional open surgery, laparoscopic surgery (MIS), and robotics surgery into a novel operative system for bi-manual, ambulatory, tethered, visible scarless surgery, based on an array of smart microrobotic instrumentation.

According to these, the precise objective of the project is to bring the ARAKNES system close to real industrial manufacturing and full product validation, so as to make it available soon to surgeons for clinical use.


The participants

HOT TOPICS

July 26, 2008
Cisanello Hospital
Pisa, Italy
Second plenary meeting to discuss on Medical and Technological Background

NEWS

May 25 and 26, 2008
Scuola Superiore Sant'Anna
Pontedera, Italy
Kick-off meeting of the ARAKNES Project



May 01, 2008
The Araknes Project Starts

A.R.A.K.N.E.S. PROJECT 2008 > 2012 | Accessibility & Credits

Figure 1. Home page of the ARAKNES website.

2.1 Structure of the web page

The structure of the ARAKNES website is the following

First level	Second level	Contents	Example of the online page
Home		Abstract of the project and hot topics and last news windows	Figure 1
Project	Project summary	Short summary of the main project information	
	Medical and technological background	Short description of the main medical and technological background, figures	

First level	Second level	Contents	Example of the online page
	Work programme	Description of the work programme and links to 11 additional pages, one for each WP	
Results	Scientific papers Prototypes Patents	List of papers List and images of prototypes List of patents	
ARAKNES events	Workshops Summer schools Information days Meetings Other	List of ARAKNES workshops and related information List of ARAKNES Summer schools and related information List of ARAKNES information days and related information List of ARAKNES meetings and related information List of ARAKNES other events and related information	

First level	Second level	Contents	Example of the online page
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Consortium & People

Table of the consortium, and links to 11 pages, one for each participant. The pictures and short CV of all staff will be included.

CONSORTIUM NUMBER	CONSORTIUM NAME	CONSORTIUM SHORT NAME	COUNTRY
01	Coordinator	SSSA	Italy
02	Imperial College London	ICL	United Kingdom
03	Strasbourg 2 Univ	UN21	Italy
04	École Polytechnique Université de Louvain	EPUL	Belgium
05	Alma Tech Srl	AT	Italy
06	KARL LUDWIG GmbH & Co.	KST	Germany
07	ST Microelectronics	SM	Italy
08	The University of St Andrews	USAN	United Kingdom
09	University of Barcelona	UB	Spain
10	Laboratoire d'Optique Spectroscopie et Microtechnique	LOSM	France
11	Research Foundation Flanders Ghent	RFW	Germany

PREVIOUS EXPERIENCE
 CRIM Lab possesses outstanding records of publications, high level research and patents. In particular, CRIM Lab developed more than 10 international patents, and has been or is still involved in more than 10 national projects, more than 23 projects funded by the European Commission, 2 European Competence Centres, 3 European Networks of Excellence and several international projects and cooperations. The list of major past and current research projects in the field of medical robotics and computer-assisted surgery is reported as end-note.

European Projects Coordinated by SSSA-CRIM in the last decade are more than 10, 6 on them on biomedical topics. The coordination activities of SSSA-CRIM and in general of SSSA have always been very smooth and effective. Since the year 2002, the Research Division of SSSA has grown an administrative department specialized in the management of European Project of the 5th, 6th and now 7th FPs. This has made the coordination activity of European projects administratively smooth together with scientifically effective.

CONTACT

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PEOPLE



Prof. Paolo Dario is currently a Professor of biomedical robotics at the SSSA. He has been visiting professor at several universities in the U.S., Switzerland, Japan, France, and China. He is founder and co-ordinator of the ARTS and the CRIM Labs. He is also the Director of Polo Sant'Anna Valdara of SSSA. He is the coordinator of many national and European projects, the editor of two books on robotics, and the author of more than 200 scientific papers (more than 150 on ISI journals). He has served as President of the IEEE Robotics and Automation Society.



Alfred Cuschieri is Professor of Surgery at SSSA and has been recently appointed Research Director and Chief Scientific Advisor to the IMSaT (Section 2.3). He has received numerous international awards for his contributions to the development, practice and training in minimally invasive surgery including the International Society of Surgery Prize in 1993, Royal College of Surgeons of Edinburgh Gold Medal 1997, Knight Bachelor, Her Majesty

News

Scientific alert news

ITD news






News archive

Scientific news

Industry, Training & Dissemination news.

All news will be archived in this page

HOME	PROJECT	RESULTS	ARRANGES EVENTS	CONSORTIUM & PEOPLE	NEWS	LINKS	PRESS & MEDIA	DOWNLOADS	CONTACTS
					Scientific alert news ITD news News archive				

First level	Second level	Contents	Example of the online page
Links	Institutional and useful links		
Press Media	Press release Articles Picture & videos	Archive of press release Archive of articles Archive of Pictures and video	
Downloads	Downloadable files		
Contacts		E-mail address to contact the project manager	
Internal web site PW REQUIRED		Link to the internal website	

3 Conclusions

In this document, the structure of the web page of the Project was described. For each section the structure, first and eventually second level, and the contents were explained. Besides, all sections were described in detailed by means of the screenshot of the online page.

The structure of the web page described above represents the basic structure of the web site, but it will be continually supervised by the project management unit in order to update the Project news, results, events and other useful information.