

E COST SACURIMA COST ACTION
Oslo meeting
9-11th September 2018

STMS SACURIMA PROJECT

State of art

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SHORT TERM SCIENTIFIC MISSIONS

- ✓ What is a STSM?
- ✓ HOW TO APPLY?
- ✓ EXAMPLES OF ACTIVITIES DONE
- ✓ STSM IN PROGRESS



WHAT IS SHORT TERM SCIENTIFIC MISSION?

- ✓ A visit of a scientist of an institution (early-trained-senior) to another institution.
- ✓ AIMS; Exchanging ideas and knowledge across borders and put European scientists at the forefront of worldwide technological innovation.
- ✓ How long?: STSMs can vary from one week to three months and up to six months for Early Stage Researchers.
- ✓ WHO: Applicants must be engaged in a research programme in an institution from a COST country which must have accepted the Memorandum of Understanding (MoU) of the Action concerned. Both home and host institution should be in a COST country which has accepted the MoU and has participated in the COST Action. The average contribution for a mission is a fixed grant
- ✓ Products: joint publications, joints research methods, exchange of information
- ✓ HOW MUCH (\$\$\$\$-€€€€€-£££££)? It will normally not exceed EUR 2500 (EUR 3500 for Early Stage Researchers).



EXAMPLES OF STSM – ACTIVITY N. 1

- From Finland, National Research Institute to Estonia, Estonian University of Life Sciences, Tartu (Both senior scientists)
- Period: 15/11/2017 – 20/11/2017
- Activities done: Data collection on EU Statistics on work accidents in agriculture
- Preparation of a paper on “Physioacoustic Treatment in a Tractor Seat”
- - Search for research funding in H2020
- - Preparation of an application for a project in the frame of the Baltic Sea Interreg Region call. Collaborating countries are Finland, Estonia, Lithuania, Poland, Germany, Denmark and Sweden.



ACTIVITY N. 2

- From Germany, Leibniz Institute for Agricultural Engineering and Bioeconomy, Department of Horticultural Engineering ((ESR) to Italy, University of Milano, Department of Health Sciences (Our group)
- - Search on the most common diseases for farmers in piggeries caused by gases, in particular ammonia, dust and noise,
- - Definition of the main aspects of the European and international legislation on occupational exposure limits for gases and dust concentration and on animal welfare.
- -Discussion on gas and dust measurement methods and sampling procedures in piggeries and poultry houses
- - evaluation methods to quickly identify the symptoms of respiratory diseases in farmers due to gas and dust pollution
- - contribution to the creation of a network between Germany and Italy with researchers working on
- 1) occupational health in agriculture, 2) animal welfare, 3) environmental protection and sustainability in
- animal farms related to gas and dust pollution for future opportunities of collaborations and the submission
- of a multidisciplinary project on this topic.
- Meeting with allergologists of the Department (occupational allergic diseases in agriculture)
- Visit of a traditional Italian piggery for the Parma ham production has been done.



ACTIVITY N. 3

- From Italy, University of Milano, Department of Health Sciences, and post Graduate School on Occupational Health of the University of Milano to USA (Omaha, University of Nebraska Medical Center, Department of Public Health)
- To participate in an International Training Course on agriculture.
- To test and point out a search string to perform systematic reviews on musculoskeletal disorders in agriculture and to visit USA agricultural enterprises.



PROGRAMME FOR THE FUTURE STSM N. 1

- From Serbia, University of Novi Sadr, Scientific Veterinary Institute, (ESR) to Italy, University of Milano, Department of Health Sciences (OUR GROUP)
- Scientific Interests of the candidate: Development, Validation and Application of Methods of Instrumental chemical analysis of chemotherapeutics and of environmental pollutants in the tissues and organs of animals, food stuffs, and animal feed and objects of general use.
Determining the Degree of contamination by toxic substances in food stuffs, the mechanism of toxicity and hazard assessment of contaminants to the health.
- Case Study: participation in the elaboration (chemical analysis) of a study on Glyphosate
- When: next future (analyses will start soon)

PROGRAMME FOR THE FUTURE STSM N. 2

- From Romania, Center for Health Policy and Public Health of Cluj Napoca, (ESR) to Belgium, Faculté de Psychologie et des Sciences de l'Education, Institut de Recherche en Sciences Psychologiques - Psychological Sciences Research Institute (SENIOR RESEARCHER & TEACHER)
- Objective: to perform a systematic review (Topics to defined)
- Period: ready to start



PROGRAMME FOR THE FUTURE STSM N. 3

- From Ireland, Teagasc Rural Economy Development Programme (ESR) to Italy, University of Milano, Department of Health Sciences (OUR GROUP)
- Systematic Review on the effect of farm safety and health promotion techniques on farmer behaviour, and to investigate such questions as the influence of demographic variables on the effectiveness of behaviour change techniques for safety and health behaviours
- Core Topic: farm safety and health pedagogy, or participatory behaviour intervention design and evaluation
- Presentation of the work done in Ireland



- I Hope the examples have clarified....
- But now the question:

■ HOW TO ACCESS STSM?



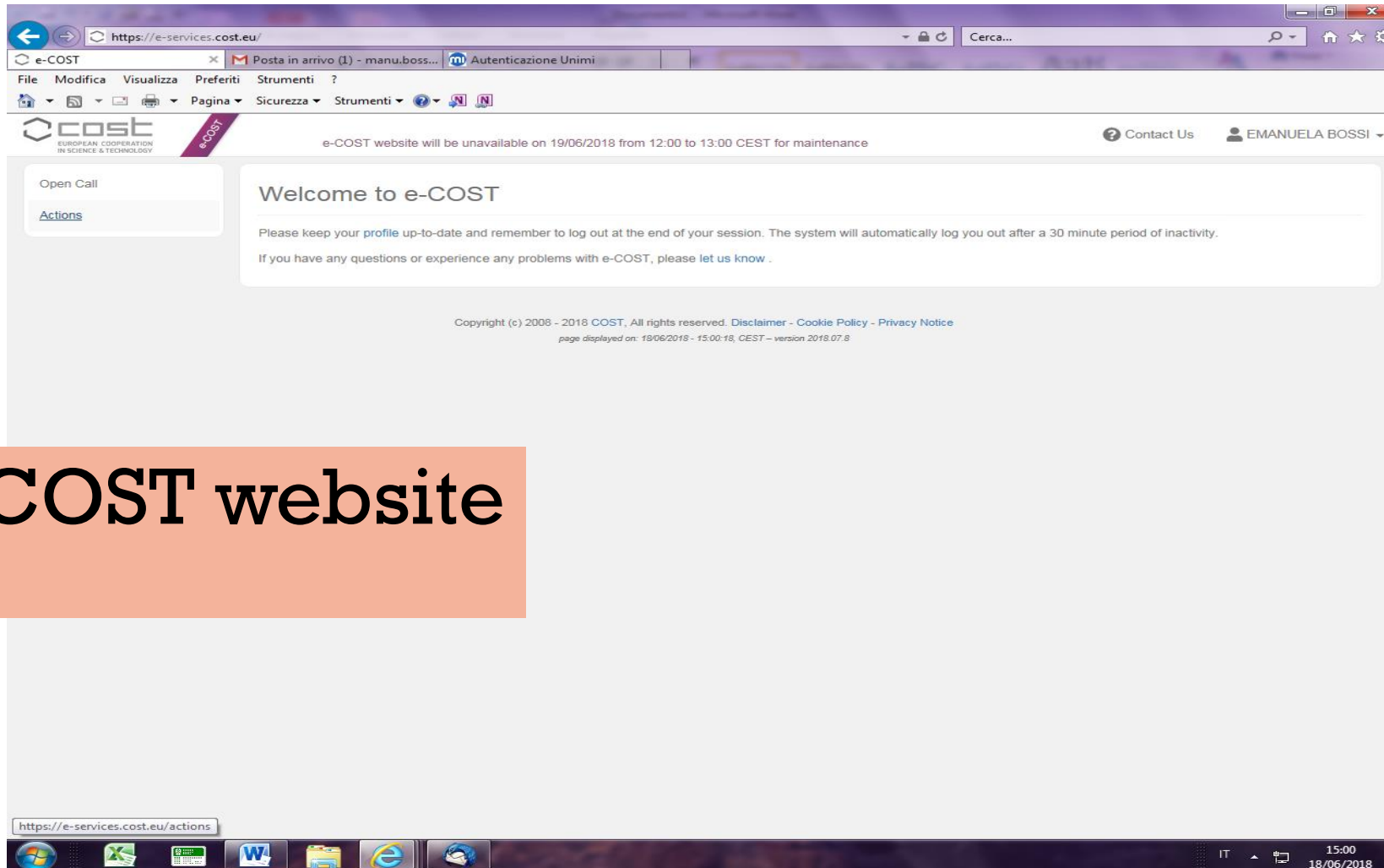
STSM: HOW TO APPLY?

The screenshot shows the COST website homepage in a browser window. The browser's address bar displays 'http://www.cost.eu/'. The page features the COST logo (European Cooperation in Science & Technology) and a navigation menu with links for Home, Sitemap, Extranet, FAQ, Links, Contact, Jobs, and Newsletter. A search bar is located below the navigation menu. The main content area is dominated by a large orange banner with the text 'Open call' and 'Next collection date: 29 November 2018 12 noon (CET)'. Below the banner is a horizontal menu with tabs for 'About COST', 'COST Actions', 'Participate', 'Events', 'Media', 'COST Connect', 'COST Academy', and 'e-COST'. The 'e-COST' tab is currently selected. The main text describes COST as an EU-funded programme for interdisciplinary research networks. Below this, there are sections for 'Top Story' (Urban agriculture - Europe's untapped potential) and 'Latest News' (COST Connect - Striving for new horizons in climate change and forest systems). A 'Testimonials' section is also visible at the bottom right.

✓ Cost homepage:
www.cost.eu



STSM: HOW TO APPLY?



✓ Login COST website



STSM: HOW TO APPLY?

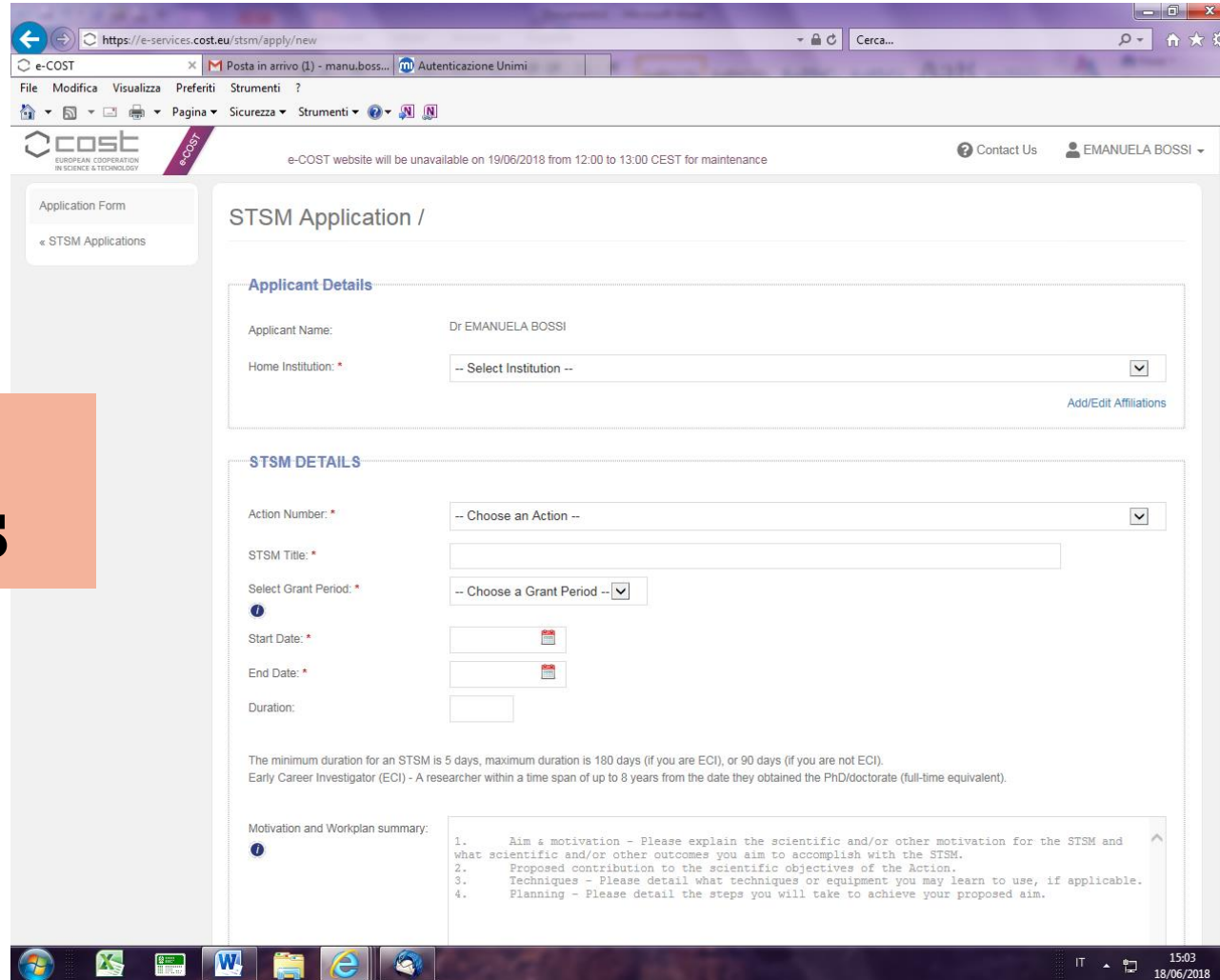
.....& find our
action
“SACURIMA”

The screenshot shows the e-COST website interface. At the top, there is a navigation bar with the e-COST logo and a maintenance notice: "e-COST website will be unavailable on 19/06/2018 from 12:00 to 13:00 CEST for maintenance". Below this, there is a sidebar with navigation options: "Actions Overview", "International Cooperation", and "STSM Applications". The main content area is titled "Actions / Overview" and features a summary bar with four buttons: "New (2)", "Stand By (38)", "Running (211)", and "Complete (1095)". Below the summary bar is a table listing various STSM actions. The table has columns for "#", "Code", "Title", "CSO App.", "Parties", "Intentions", "MC Chair Name", and "Options". The table contains 13 rows of data, with the first row being the "SACURIMA" action (CA16202).

#	Code	Title	CSO App.	Parties	Intentions	MC Chair Name	Options
1	CA16202	International Network to Encourage the Use of Monitoring and Forecasting Dust Products	2017-06-23	28		Sara Basart	
2	CA16203	Stem cells of marine/aquatic invertebrates: from basic research to innovative applications	2017-06-23	23		Loriano Ballarin	
3	CA16204	Distant Reading for European Literary History	2017-06-23	29		Christof Schöch	
4	CA16206	Empowering the next generation of social enterprise scholars	2017-06-23	37		Marthe Nyssens	
5	CA16207	European Network for Problematic Usage of the Internet	2017-06-23	29		Naomi Fineberg	
6	CA16208	KNOWLEDGE CONVERSION FOR ENHANCING MANAGEMENT OF EUROPEAN RIPARIAN ECOSYSTEMS AND SERVICES	2017-06-23	28		Simon Dufour	
7	CA16209	Natural Flood Retention on Private Land	2017-06-23	34		Lenka Slavikova	
8	CA16210	Maximising Impact of research in NeuroDevelopmental DisorderS	2017-06-23	26		Adrian Harwood	
9	CA16211	Reappraising Intellectual Debates on Civic Rights and Democracy in Europe	2017-06-23	31		José María Rosales	
10	CA16213	New Exploratory Phase in Research on East European Cultures of Dissent	2017-06-23	34		Maciej Maryl	
11	CA16214	The multi-messenger physics and astrophysics of neutron stars	2017-06-23	29		Nanda Rea	
12	CA16215	European network for the promotion of portable, affordable and simple analytical platforms	2017-06-23	30		Guillaume Emy	
13	CA16216	Network on the Coordination and Harmonisation of European Occupational Cohorts	2017-06-23	28		Ingrid Sivesind Mehlum	



STSM: HOW TO APPLY?



The screenshot shows a web browser window with the URL <https://e-services.cost.eu/stsm/apply/new>. The page title is "STSM Application /". The e-COST logo is in the top left, and a maintenance notice states "e-COST website will be unavailable on 19/06/2018 from 12:00 to 13:00 CEST for maintenance". The user is logged in as EMANUELA BOSSI. The form is divided into two main sections: "Applicant Details" and "STSM DETAILS".

Applicant Details

Applicant Name: Dr EMANUELA BOSSI

Home Institution: * -- Select Institution -- [Add/Edit Affiliations](#)

STSM DETAILS

Action Number: * -- Choose an Action --

STSM Title: *

Select Grant Period: * -- Choose a Grant Period --

Start Date: *

End Date: *

Duration: *

The minimum duration for an STSM is 5 days, maximum duration is 180 days (if you are ECI), or 90 days (if you are not ECI).
Early Career Investigator (ECI) - A researcher within a time span of up to 8 years from the date they obtained the PhD(doctorate (full-time equivalent)).

Motivation and Workplan summary:

1. Aim & motivation - Please explain the scientific and/or other motivation for the STSM and what scientific and/or other outcomes you aim to accomplish with the STSM.
2. Proposed contribution to the scientific objectives of the Action.
3. Techniques - Please detail what techniques or equipment you may learn to use, if applicable.
4. Planning - Please detail the steps you will take to achieve your proposed aim.

✓ STSM applications



STSM: HOW TO APPLY?

✓ Fill in information

The screenshot shows a web browser window with the URL <https://e-services.cost.eu/stsm/apply/new>. The browser tabs include "e-COST", "Nuovi achievements e propos...", and "Università degli Studi di Milan...". The page header features the e-COST logo and a maintenance notice: "e-COST website will be unavailable on 19/06/2018 from 12:00 to 13:00 CEST for maintenance". The user is logged in as EMANUELA BOSSI.

The application form is titled "Application Form" and "STSM Applications". It contains the following fields:

- Applicant Name:** Dr EMANUELA BOSSI
- Home Institution:** University of Milano (Milano, Italy)
- STSM DETAILS:**
 - Action Number:** CA16123 - Safety Culture and Risk Management in Agriculture
 - Action General information:** CA16123
 - STSM Title:** Occupational musculoskeletal disorders in agriculture: statistics and indicators of the burden of disease.
 - Select Grant Period:** -- Choose a Grant Period --
 - Start Date:** 2018-06-29
 - End Date:** 2018-07-15
 - Duration:** 17

Below the form fields, there is a note: "The minimum duration for an STSM is 5 days, maximum duration is 180 days (if you are ECI), or 90 days (if you are not ECI). Early Career Investigator (ECI) - A researcher within a time span of up to 8 years from the date they obtained the PhD/doctorate (full-time equivalent)."

The "Motivation and Workplan summary:" field contains the following text:

Indicators for agricultural safety and health. Study of Eurostat and National statistics on agricultural injuries and occupational diseases; challenges in current data collection and reporting. The aim of the STSM is to analyze the incidence of musculoskeletal diseases and the "burden of disease" for the exposure to the different risk factors in agriculture, through systematic research of the scientific literature and the comparison of several databases, including EUROSTAT.

During my permanence at the University of Omaha I will also take part in the course "Agricultural Health and Safety Course for Medical and Safety Professionals" (July 10-13, 2018), designed to examine key health and safety issues specific to rural and agricultural workers. Experts will present course material relevant to those working in health care, public health, education, and safety professions.

The hosting institution will allow me to learn a systematic approach to scientific literature's data and to gain a better knowledge about the management of occupational musculoskeletal diseases' prevention and risks' identification.

The gained knowledge will be transferred to the International Centre of Rural Health and to the whole post-graduation school of Occupational Medicine

(limited to 2000 words)



Thank you very much

Tusen takk

Further information:

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