



In collaboration with

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### MONDAY the 27th August in EPMIES Atelier

#### MODULE IN SPANISH LANGUAGE

PAPERS		SPANISH CORNER: reunión en español	
8,30-9,30	Presentaciones de trabajo sobre la evaluación y prevención de la sobrecarga biomecánica de trabajo a partir de experiencias en Centro y Sudamérica		
20 min	Taltavull Carlos, Lic. Paredes Alicia Marcela	ANÁLISIS DE LAS CONDICIONES ERGONÓMICAS EN LA EDUCACIÓN TÉCNICA PROFESIONAL DE ARGENTINA	Ministero de Education Presidencia de la Nacion- Argentina
20 min	Jorge Zuleta	ANÁLISIS DE LA PREVALENCIA DE ENFERMEDADES MÚSCULO ESQUELÉTICAS EN EDUCADORES DE LA COMUNA DE COQUIMBO, AÑO 2017"	Chile
20 min	Jorge Córdoba	EL ODONTOLOGO Y SUS RIESGOS ERGÓMICOS	Higiene y Seguridad en el Trabajo -Argentina
MINI-COURSE		SPANISH CORNER: reunión en español EPM-IES NEWS - By ENRIQUE ALVAREZ-CASADO, DANIELA COLOMBINI	
9,45-12,00	<ul style="list-style-type: none"> <li>El nuevo método TACOs (estrategia computarizada de evaluación de tiempos) para la evaluación de posturas de trabajo)</li> <li>El método OCRA múlti-tareas, para el análisis de tareas complejas en ciclos semanales, mensuales y anuales (limpieza, supermercados, preparación de comidas, construcción, agricultura, etc.)</li> <li>La determinación del vínculo de trabajo en patologías de sobrecarga biomecánica: qué niveles de riesgo, como duraciones, qué patologías</li> </ul>		

### MONDAY the 27th August: EPMIES Members presentation within IEA Congress

13,15-14,45 - SPECIAL SESSION	PALAZZO AFFRI -SALA 2 P1: Applied ergonomics: French companies actively engaged Chair Person: Jean Pierre ZANA, (France)
15,30-16 - PLENARY SECTION	AUDITORIUM: Biomechanical overload and prevention od WMSDs: actual and future challenges, Occhipinti Enrico
17,15-18,45 - SPECIAL SESSION	PALAZZO AFFARI SALA 2: Extension of RNLE (Revised NIOSH Lifting Equation) in complex and variable lifting tasks (in memory of Thomas Waters) - chair Occhipinti Enrico

### TUESDAY the 28th August: EPMIES Members presentation within IEA Congress

13,15-14,45 - SPECIAL SESSION	PALAZZO AFFARI, ADUA 1 P1-Analysis of repetitive movements and working postures in complex and variable working cycles: OCRA checklist and TACOs method - chair Colombini Daniela
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### TUESDAY the 28th August in EPMIES Atelier

DOCUMENTARY	I eat ... you eat? .... Them they get sick - or the effort to produce food (Disclosure initiative regarding physical work by EXPO 2015 Milan)	
10,30-11,10	Use of audiovisuals and discussion with the authors present	By DANIELA COLOMBINI

TUESDAY the 28th August in EPMIES Atelier

**MODULES DEMO WITH EXERCISES**

<b>DEMO</b>	<b>How to use the dynamometer to correctly measure pulling and pushing operations</b>	
15-16	• examples of measurement, tests and discussion with the participants	By MARCO PLACCI and MARCO CERBAI
<b>DEMO</b>	<b>The new TACOS method for the evaluation of working postures in complex multiple tasks, even without-daily cycles (agriculture, construction...and others)</b>	
16-17	• examples of measurement, tests and discussion with the participants (bring your own PC for the exercise: we will provide you with the free software needed).	By COLOMBINI DANIELA and MARCO TASSO
<b>DEMO</b>	<b>Application examples of VARIABLE LIFTING INDEX, for evaluations to be performed in warehouses, supermarkets, etc.</b>	
17-18	• examples of measurement, tests and discussion with the participants (bring your own PC for the exercise: we will provide you with the free software needed)	By ENRIQUE ALVAREZ and SONIA TELLO

WEDNESDAY the 29th IEA-EPMIES SPONSOR presentation within IEA Congress

15-15,30 - PLENARY SECTION | AUDITORIUM : Keynote by LUXOTTICA

WEDNESDAY the 29th in EPMIES Atelier

**MODULE IN ITALIAN LANGUAGE: IL PIANO NAZIONALE PER LA PREVENZIONE DELLE PATOLOGIE DA SOVRACCARICO BIOMECCANICO**

14-15	<ul style="list-style-type: none"> <li>• Il PIANO NAZIONALE per la prevenzione: a che punto siamo?</li> <li>• Esperienze applicative in diversi comparti</li> <li>• Le linee guida e/o di indirizzo</li> </ul>	By GIORGIO DI LEONE, ENRICO OCCHIPINTI, NATALE BATTEVI, ALBERTO BARATTI
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**MODULE MEDICAL /LEGAL ASPECT : RISK / DAMAGE RELATIONSHIP IN BIOMECHANICAL OVERLOAD EXPOSURE: the determination of the causal link in Work related Musculo-Skeletal Disorders**

15-16	Presentation of criteria, practical solutions and discussion	By RUDDY FACCI and EDOARDO SANTINO
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**MODULE ON LINE OCRA COURSE: Presentation of the first ON LINE EPMIES COURSE on the APPLICATION OF THE OCRA CHECKLIST**

16,30-17,30	Use of audiovisuals and discussion with the authors	By DANIELA COLOMBINI
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THURSDAY the 30th in EPMIES Atelier

**DOCUMENTARY** LUXOTTICA ACTIVITY FOR PREVENTION

10,30-11,30	Use of audiovisuals and discussion with the authors	By LUCA CEOLIN
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**MODULES DEMO WITH EXERCISES** By D COLOMBINI ,E. OCCHIPINTI , A.BARATTI (use of audiovisuals and discussion with the authors)

<b>DEMO</b>	<b>Simple tools for hazard identification and preliminary risk assessment: examples together</b>	
11,30-12,30	<ul style="list-style-type: none"> <li>• ISO TR 12295: Ergonomics — Application document for ISO standards on manual handling ( ISO 11228-1, ISO 11228-2 and ISO 11228-3) and working postures (ISO 11226)</li> <li>• EXAMPLE OF PRE-MAPPING using EPMIES SIMPLE TOOL APPLICATION: “key enters” strategy for assessment of all the occupational risk</li> <li>• EXAMPLE OF PRE-MAPPING using EPMIES SIMPLE TOOL APPLICATION: “quick assessment” strategy for assessment of biomechanical overload</li> <li>• EXAMPLE OF PRE-MAPPING using EPMIES SIMPLE TOOL APPLICATION: “quick assessment” strategy for assessment of work related stress</li> </ul>	

**MODULE PATIENT MANUAL HANDLING: NEWS about MANUAL PATIENT HANDLING and MAPO method**

14,00-14,30	Presentation and applicative experiences	By OLGA MENONI and MARCO TASSO
15,00-15,30	Applicative experiences in Spain	By DIANA ROBLA and SONIA TELLO

**MODULE WORKERS TRAINING WITH EXERCISES : Workers training: a practical approach model in ergonomics for prevention of physical load at work**

16-17	• APPLICATIVE examples	By HORACIO ALVES and CECILIA NESA
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