Remita su inscripción a:

ASOCIACIÓN ESPAÑOLA DE QUÍMICOS Y COLORISTAS TEXTILES

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2008

NEW HORIZONS OF TEXTILE FINISHING

NUEVOS HORIZONTES DEL ECOENNOBLECIMIENTO TEXTIL

21st IFATCC INTERNATIONAL CONGRESS

AEQCT

ASOCIACIÓN ESPAÑOLA DE QUÍMICOS Y COLORISTAS TEXTILES

Miembro de la FIAQCT

50 ANIVERSARIO
1958-2008

21st IFATCC INTERNATIONAL CONGRESS
BARCELONA 2008

BARCELONA 6-9 MAY 2008

PROGRAMA DEL CONGRESO / CONFERENCE PROGRAMME

	MIERCOLES/ *WEDNESDAY* 7			JUEVES/ *THURSDAY* 8			VIERNES/ *FRIDAY* 9		
	CONF. HA LL 1	*CONF. HA LL 2*	*CONF. HA LL 3*	*CONF. HA LL 1*	*CONF. HA LL 2*	*CONF. HA LL 3*	*CONF. HA LL 1*	*CONF. HALL 2*	*CONF. HALL 3*
9,00 9,30	***Chairm.: Dr. Canal*** OPENING SESSION: E.Cima			***Chairm.: Dr. Blanes*** **B3** Csiszár			***Chairm.: Dr. Naïk*** **A50** Canal		
9,30 10,00	**E41** Martí			**A4** Tolksdorf	***Chairm. Dr. Parra*** **E69** Cleyman	***Chairw: Dr. Canal*** **F70** Corbellini	**E5** Czajkowski		
10,00 10,30	**B2** Hori			**A16** Siemesmeyer	**G53** Islas	**E58** Vílchez	**D6** Sfiligoj-Smole		
10,30 11,00	**F65** INAUG. CONF. J. Casas- V. Fabregat			**A35** Santamaria	**A49** Sánchez	**E27** Bonet	**B24** Marek		
11,00 11,30	**COFFE BREAK** - **POSTER SESSION**								
11,30 12,00	***Chairm.: Dr. Naik*** **A10** Hook	***Chairw.: Dr. Riva*** **B40** Rombaldoni	***Chairm.: Dr. Navarro*** **C19** Bechtold	***Chairm.: Dr. Carrion*** **D28** Blanes	***Chairm.:Dr. Gacén*** **D29** Gisbert	***Chairm.:Dr. Sánchez*** **E59** Martinková	***Chairm.:Dr. Canal*** *P11* **D64** Naïk		
12,00 12,30	**A42** Valldeperas	**B31** Gomes	**C20** Bechtold	**A12** De Clerck	**D23** Pernica	**E48** Ovejero	*P12* **D1** Freddi		
12,30 13,00	**A32** András	**B11** Rabe	**C55** Perwuelz	**A61** López	**A33** Alves	**E25** Knaup	*P13* CLOSING CONF.		
13,00 15,00	**LUNCH**								
15,00 15,30	***Chairm.: Dr. Hook*** **A43** Bozic	***Chairw.: Dr. Maillo*** **B44** Hossain	***Chairm: Dr. Valldeperas*** **C57** Crespi	***Chairw.: Dr. Bonet*** **B17** Bautista	***Chairm.:Dr. Litty*** **A45**Jolly-Desodt	***Chairm.:Dr. Ovejero*** **E52** Lozano			
15,30 16,00	**A46** Periolatto	**B51** Donelli	**C54** Gutiérrez	**G37** Cayuela	**A21** van Wersch	**E13** Perincek			
16,00 16,30	**POSTER SESSION**								
16,30 17,00	***Chairw.: Dr. Martí*** **A47** Carrión	***Chairm.: Dr.Manich*** **B22** Gabouriau	***Chairw.: Dr. Cayuela*** **E8** Mignanelli	***Chairm.: Dr. De Clerck*** **G60** Manich	***Chairm.:Dr. Krayer*** A66 Bial	***Chairm.:Dr. Giggli*** **E15** Dural			
17,00 17,30	**A62** Vidal	**B26** Ricard	**E56** Riva	**G38** Maillo	A67 Berninger	**F63** Glawe			
17,30 18,00	**A18** Rosace	**B34** Miranda	**F36** Parisi	**G39** Tonetti	A68 Telegin	**F30** Carneiro			
19,00 -	**SOCIAL EVENT (TRANSPORT PROVIDED)**								

A: Current development and research, in bleaching, coloration and finishing.

: Surface treatments of textiles: plasma, enzymes, and radiations.

C: Clean technologies & design.

D: Nanotechnology & textile finishing.

E: New finishes for technical textiles and new textile structures.

F: Developments in finishing textile machinery.

G: Developments in textile testing and instrumentation.

www.21congress.com

2008 NUEVOS HORIZONTES DEL ECOENNOBLECIMIENTO TEXTIL

Presentación

El gran poder de convocatoria de los Congresos de la IFATCC y de la AEQCT, unido al atractivo de Barcelona en 2008, hace esperar una muy elevada asistencia nacional e internacional.

El Congreso Internacional cubrirá los temas de mayor interés científico, técnico, empresarial y económico de nuestro sector, aportando las mejores ponencias de todos los países miembros de IFATCC, distribuidas entre los siguientes temas:

A: I+D+i en blanqueo, coloración y aprestos y acabados

B: Tratamientos superficiales de los textiles: plasma, enzimas, radiaciones...

C: Tecnologías limpias. Diseño textil

D: Nanotecnologías y acabado textil

E: Nuevos aprestos para textiles técnicos y nuevas estructuras textiles

F: Desarrollos en maquinaria de ecoennoblecimiento textil

G: Desarrollos en instrumentación, sensores y ensayos textiles

Además, las diferentes actividades que se desarrollarán durante el Congreso, facilitará muchas oportunidades de contacto y de relación entre todos los asistentes durante las pausas-café, almuerzos y las dos recepciones oficiales del Congreso.

La estructura en **3 salas paralelas** garantizará el espacio para todas las presentaciones internacionales y nacionales aceptadas.

Se dispondrá de **traducción simultánea español-inglés.**

El Congreso Internacional facilitará la asistencia de los estudiantes textiles, de los países miembros de IFATCC, mediante:

a) Becas de asistencia para estudiantes textiles de los países miembros de IFATCC, a través del fondo de becas IFATCC.

b) Área de Póster de Estudiantes Textiles gratuita.

c) El Comité Organizador Nacional AEQCT, reservará alojamiento para los estudiantes textiles, a bajo precio.

Toda la información actualizada del 21st IFATCC INTERNATIONAL CONGRESS, la encontrará en la WEB: **www.21congress.com**, y todas las aclaraciones que precise, puede consultarlas a la Secretaría de la AEQCT, telf. 933 177 298, de lunes a jueves, de 16.00 a 19.00 horas.

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2008: NEW HORIZONS OF TEXTILE FINISHING

Presentation

The great potential of IFATCC and AEQCT to summon Conferences, together with the attraction of Barcelona city in 2008, makes us expect a massive assistance of international and national delegates.

The International Conference will cover themes of great scientific, technical, industrial and economical interest of our sector, by contributing excellent papers from IFATCC member countries, classified in the following groups:

***A:** Current development and research, in bleaching, coloration and finishing*

***B:** Surface treatments of textiles: plasma, enzymes, radiations*

***C:** Clean technologies & design*

***D:** Nanotechnology & textile finishing*

***E:** New finishes for technical textiles and new textile structures*

***F:** Developments in finishing textile machinery*

***G:** Developments in textile testing and instrumentation*

Moreover, the organization of different activities during the conference will facilitate opportunities to contact and relate with participants during coffee and lunch breaks and the two oficial receptions.

Three parallel sessions guarantees accommodation for all participants to attend international and national papers of their interest.

Simultaneous Spanish-English translation will be available.

This internacional Conference will facilitate the attendance of textile students coming from IFATCC member countries by offering:

a) Assistance scholarship from IFATCC funds.

b) Student Posters will be exempt from Conference Fee.

c) The National Organizing Committee of AEQCT will reserve low cost accommodation for textile students.

The updated information on 21st IFATCC INTERNATIONAL CONGRESS will be found at www.21congress.com. All doubts and enquiry can be made to the SECRETARIAT of AEQCT, tel. 34 933 177 298, from Monday to Thursday, 16.00-19.00h.

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- **D. Xavier Valera.** FIBRACAT EUROPA

CONFERENCIAS ACEPTADAS POR EL COMITÉ CIENTÍFICO INTERNACIONAL

D1	Research supporting creativity:new processing technologies for improved aesthetic and functional properties of textiles	Guiliano Freddi * Alessandro Gigli	Stazione Sperimentale della Seta. * AICTC. ITALY
B2	Textile Modification using supercritical fluid and/or electron beam irradiation techniques	Teruo Hori	Fukui University. JAPAN
B3	Application of Enzime Technologies in Finishing of Cellulosic Fabrics-From Theory Through Practice	Emília Csiszár	Laboratory of Plastics and Rubber Technology. Department of Physical Chemistry and Material Science. Budapest University of Technology an Economics HUNGARY
A4	New Developments in continuous dyeing of ployester/cotton blends	Mr. P.Tolksdorf	DyStar Textilbarben GmbH & Co. Deutschland KG GERMANY
E5	Ultraviolet Absorbers Increasing Protective Properties of Cellulose Fabrics	Wojciech Czajkowski	Institute of Polymers and Dyes Technology. Technical University of Lódz. Society of the Polish Chemists&Colourists POLAND
D6	Preparation and Characterization of Nanomodified Fibres	Majda Sfiligoj-Smole, SilvoHribernik, Karin Stana-Kleinschek, Tatjana Kreze, Julián López-Viota Gallardo, Slava Jeler	University of Maribor.Laboratory for Characterization and Processing of Polymers, Faculty of Mechanical Engineering. SLOVENIA.
E8	New Fluorocarbon Resin Development	Massimiliano Mignanelli * Hans Ulrich Schenk	Giovanni Bozzeto S.p.A. ITALY * Market Development Manager Textile & Related Protective Materials Europe. 3M (Schweiz) AG.
A10	Nylosan S-A High Fastness alternative for the dyeing of Wool and Nylon fibers	John Hook	Clariant International Ltd. SWITZERLAND
B11	Plasma Technology- Limits and Opportunities in the Textile Finishing Industry	Maike Rabe Eberhard Janssen	Hochschule Niederrhein Fachbereich Textil-und Beleidungstechnik GERMANY
A12	Variation in dyeing characteristics for PET-fibres: the effect of dye-fibre interactions	Karen De Clerck Paul Kiekens	Department of Textiles Ghent University BELGIUM
E13	Ozone: New Tendency in textile finishing	Seher Perincek, A.E.Körlü, M.I.Bahtiyari	Department of Textile Engineering Ege University TURKEY

E15	Investigation of differences of flame reatardant finishes	Aysin Dural Erem, Emel Önder	Istanbul Technical University TURKEY
A16	Formaldehyde-an unavoidable or avoidable risk in pigment printing	Karl Siemesmeyer, Oihana Elzalde, Maria-Theresa Hechavarria-Fonseca, Karl-Heinz Weigert, Stefan Kuhn Rolf Strobel * Carsten Jensen **	BASF aktiengesellschaft * BTC-Speciality Chemical Distribution GmbH ** BTC Specialty Chemical Distribution A/S GERMANY
B17	Developement of hydrophobic textile surfaces by polysiloxane films using PECVD technique	Lorenzo Bautista, R.Paul Mota, L.Aubouy, M. de la Varga, M.Garrido-Franco, A. Briz, D.Amantia	R& D Department LEITAT Technological Centre SPAIN
A18	Dendrimers finishing influence on color assessment of CO/PES blend fabrics	Giuseppe Rosace Maria Rosaria Massafra * Abdulhalik Iskender ** Esra Sancaktaroglu **	Universtà degli Studi di Bergamo. ITALY * Stazione Sperimentale per la Seta. ITALY ** Department of Textile Engineering. Uludag University. TURKEY
C19	Electrochemical Processes in Textile dyeing-State of the research and development activities	Thomas Bechtold, Turcanu A Schrott W. *	Research Institute for Textile Chemistry and Textile Physics. University Innsbruck. AUSTRIA * DyStar Textilfarben GmbH& Co. Deutschland. GERMANY
C20	Renewable Resources for Textile Dyeing-Technology, Quality and Environmental Aspects	Thomas Bechtold Rita A.M.Mussak	Research Institute for Textile Chemistry and Textile Physics. University Innsbruck. AUSTRIA
A21	Demands on Modern Continuous Dyeing Ranges	Kurt van Wersch	A.Monforts Textilmaschinen GmbH & co. KG. GERMANY
B22	Obtention of bactericidal textiles by post-discharge plasma	Freddy Gabouriau C.Canal, A. Ricard, S.Villeger * U.Cvelbar **	Laboratoire de Plasmas et de Conversion d'Energie (Laplace). Université Paul Sabatier. FRANCE Plasma laboratory, Jozef Stefan Institute. SLOVENIA
D23	Composite materials with anorganic nanofibres disposed in the form of geopolymer matrix	D.Pernica	Department of Material Science, Faculty of Mechanical Engineering Technical University of Liberec CZECH REPUBLIC
B24	Biotechnology as one of the substantial elements of the sustainable textile processing mosaic	Jan Marek	INOTEX. CZECH REPUBLIC
E25	New Developments in Fluorocarbon Finnishing of Textiles	Wolfgang Knaup	Head of R&D Fluorotelomers. Clariant A.G. Switzerland.
B26	Interaction of N atoms through porous membranes in Nitrogen flowing post discharges	A.Ricard, S.Villeger C.Canal * J.Durand **	Laplace.Université Paul Sabatier. FRANCE * Dpt. De Tecnologia Farmaceutica. Facultad de Farmacia. Universidad de Barcelona. SPAIN ** IEM-UM2. FRANCE

E27	Esterilización de Tejidos con Microcápsulas Hidratantes	M.Bonet, J. Gisbert, P.Monllor, P.Díaz, I. Montava	Departamento de Ingeniería Textil y Papelera. Universidad Politécnica de Valencia. SPAIN
D28	Evaluación del Rendimiento de Velos de Nanofibras como Aislante Acústico	M.Blanes, Bruno Marco * R. Balart, **P.Díaz, M.Bonet	Centro Técnico de Investigación Textil. AITEX. Alcoy. *Instituto de Tecnología de Materiales.UPV **Departamento de Ingeniería Textil y Papelera. Universidad Politécnica de Valencia. SPAIN
D29	Influencia del Peso Molecular del Alcohol de Polivinilo en la Obtención de Nanofibras	M.J. Gisbert, M.Blanes * P.Monllor,I.Montava, M.Bonet	Centro Técnico de Investigación Textil. AITEX. Alcoy * Departamento de Ingeniería Textil y Papelera. Universidad Politécnica de Valencia. SPAIN.
F30	A DBD plasma machine in textile wet processing	Noémia Carneiro, A. Souto, F.Fernandes, P.Dias *F.Foster	University of Minho-Guimaraes. PORTUGAL * Softal, Electronics- Hamburgo. GERMANY
B31	The Use of Liposomes in Exhaustion Dyeing of Cotton	Jaime I.N.R. Gomes, Jorge G. Santos, Elisabete Oliveira	Textile Engineering Department. University of Minho. PORTUGAL
A32	The role of the difference in the internal cavity of cucurbituril rings in complexation of acid, reactive and disperse dyes respectively	Vig András, Péter Sallay. Henmrietta J.Nagy, Mihály L.Varga, István Rusznák	Organic Chemistry and Technology. Budapest University of Technology and Economics. HUNGARY
A33	A new important application field of cyclodextrines in the textile dyeing technical process	Maria Madalena Alves Martins Sá, Graça M.B.Soares	Textile Engineering Department. Minho University. PORTUGAL
B34	Different Strategies to Modify Cotton Properties	Teresa Maria Miranda, Rosa Pinheiro, Jorge Santos, Graça Soares	Textile Engineering Department. Minho University. PORTUGAL
A35	Tinte de Tonos Terrosos sobre algodón, con nueva Generación de Colorantes Novacron NC	Sigi Santamaria	HUNTSMAN
F36	Industrial Atmospheric Pressure Plasma (APP) treatments-Grinp Technology	F.Parisi, Chiara Pavan *D.Daprà	Grinp, R&D Department * Power Device ITALY
G37	Variación de la Estructura fina de sustratos de polilactida termofijados. Estudio de la solubilidad diferencial	Diana Cayuela, C. Morales, J.Gacén *J.Maillo	INTEXTER- Universitat Politècnica de Catalunya * DETIP Universitat Politècnica de Catalunya. SPAIN
G38	Estudio de la Estructura fina de sustratos de poliamida 6.6 Termofijados a diferentes temperaturas	Josefina Maillo * D. Cayuela, J.Gacén,C. Morales, M. Bretones	DETIP Universitat Politècnica de Catalunya * INTEXTER- Universitat Politècnica de Catalunya SPAIN
G39	Extractable heavy metals in dyed textiles:verification of the test method	Cinzia Tonetti, Riccardo Innocenti	Consiglio Nazionale delle Ricerche- Istituto per lo Studio delle Macromolecule (CNR-ISMAC) ITALY

B40	Application of HMDSO Plasma Polymerization as a Novel Textile Finishing Process	Fabio Rombaldoni, Raffaella Mossotti,Alessio Montarsolo, Riccardo Innocenti,Giorgio Mazzuchetti * Espedito Vassallo	Consiglio Nazionale delle Ricerche- Istituto per lo Studio delle Macromolecule (CNR-ISMAC) * CNR-IFP- Istituto di Fisica del Plasma ITALY
E41	Delivery of Caffeine Contained in Smart Textiles into the skin	Meritxell Martí, L.Rubio, L.Coderch, J.L. Parra * J. Cebrián **J.A. Navarro, M. Lis, J. Valldeperas	IIQAB (CSIC). Barcelona * LIPOTEC. Gavà ** INTEXTER (UPC). Terrassa SPAIN
A42	Direct Reuse of Dyeing Baths: Polyester Microfibers and disperse dyes	José Valldeperas, Manuel Lis, J.A. Navarro, C. Agudelo * T. Sato	INTEXTER- Universitat Politècnica de Catalunya SPAIN * KIT JAPAN
A43	Dyeing of Polyamide with enzyme reduced indigo	Mojca Bozic,Vanja Kokol *Georg Guebitz ** Maria Díaz Gonzalez,Tzanko Tzanov	Department of Textile Materials and Design, University of Maribor. SLOVENIA * Department of Environemental Biotechnology, Graz University of Technology. AUSTRIA ** Departament d' Enginyeria Química. UPC. SPAIN
B44	Enzymatic process for machine washable wool	Kh.Md. Gaffar Hossain, Ascensión Riva, Josep Ma. Canal,Tzanko Tzanov	Departament d' Enginyeria Química. Universitat Politècnica de Catalunya (UPC). SPAIN
A45	Multicriteria decision making for the choice of dyeing process in the frame of sustainable development	Anne Marie Jolly-Desodt	Laboratoire GEMTEX ENSAIT FRANCE
A46	Application of enzymes in wool dyeing	Mónica Periolatto, F. Ferrero, M.Giansetti, * R.Mossotti, R. Innocenti	Dipartamento di Scienza dei Materiali e Ingegneria Chimica. Politecnico di Torino * CNR-ISMAC, Istituto per lo studio delle macromolecole ITALY
A47	Lavado de Poliéster, teñido y sin teñir, mediante Tensioactivos Ecológicos	F. J. Carrión-Fité	Instituto de Investigación Textil y Cooperación Industrial de Terrassa. (INTEXTER) Universidad Politécnica de Catalunya (UPC) SPAIN
E48	Caracterización de microcápsulas de cambio de fase (PCM)	Juan Bautista Ovejero,C. Robredo, J.R. Sánchez, A. Ramírez * M.L. Sánchez, J.F. Rodriguez ** S. Sacristán	Departamento de Ingenieria Textil. Universidad de Salamanca * Departamento de Ingeniería Química. Universidad de Castilla-La Mancha ** Centro tecnológico de la Confección (ASINTEC) SPAIN

A49	Comportamiento cinético del poliéster PTT frente al colorante C.I. *Disperse Red 169*	Javier Ramón Sánchez Martín, Carmen Blanco, Juan Bautista Ovejero	Departamento de Ingeniería Química y Textil. Universidad de Salamanca SPAIN
A50	Influencia del Plasma Atmosférico y del Cationizado sobre la Tintura de Algodón con colorantes Reactivos	*José Ma. Canal, A. Patiño, G. Caballero, A. Navarro, C. Rodríguez ** C. Canal	SPPT Grupo de Investigación, Departamento de Ingenieria Textil i Papelera. Departamento de Ingenieria Química. UPC. SPAIN ** Grupo de Química de Superficies, Depto. de Tecnologías de Tensioactivos, IIQAB, CSIC
B51	Surface modification of poly-(ethylene terephthalate) by lipolytic enzymes	Ilaria Donelli, Giuliano Freddi * Paola Taddei ** Vincent A.Nierstrasz	Stazione Sperimentale della Seta. ITALY * University of Bologna. ITALY ** Ghent University. BELGIUM
E52	Textiles con propiedades antimicrobianas obtenidos por tratamiento por polimerización con monómetros bifuncionales derivados de Amonios Cuaternarios	Ana Ma. Lozano, Mónica Arnautu * Lorenzo Bautista, Meritxell de la Varga	Desarrollo del Grafting S.L (DDG) * LEITAT SPAIN
G53	Aplicación de diversas técnicas de ajuste numérico al estudio de la viscoelasticidad de hilados textiles	Ana Ma. Islas Cortés * Gabriel Guillén Buendía, Manuel Olvera Gracia	Instituto Politécnico Nacional, ESIT * Instituto Politécnico Nacional, ESIME-UA MÉXICO
C54	Electrochemical Treatment and Reuse of Dyeing Effluents	Carmen Gutiérrez, V.López-Grimau, M. Riera-Torres, M.Vilaseca, M. Crespi	INTEXTER. Universitat Politécnica de Catalunya. SPAIN
C55	How can finishing improve the environmental impact of textile?	Anne Perwuelz, Inés Boufateh	ENSAIT-GEMEX Laboratory FRANCE
E56	Modelización de los efectos del color en la protección UV ejercida por tejidos de algodón	Ascensión Riva, I. Algaba, M. Pepió, R. Prieto	INTEXTER. Universitat Politécnica de Catalunya. SPAIN
C57	Bioreactores de membrana: estado de la tecnología. Aplicación al tratamiento y reutilización de efluentes textiles	Martí Crespi, M.C. Gutiérrez, M. Vilaseca	INTEXTER. Universitat Politécnica de Catalunya. SPAIN
E58	Chitosan based hydrogels for textile application	Susana Vílchez, Eva Puso, J.Esquena, P.Erra * M. Porras ** A. Navarro	Department of Surfactant Technology. IIQAB-CSIC * Department of Chemical Engineering. University of Barcelona ** Deprtment of Chemical Engineering. Universitat Politécnica de Catalunya. SPAIN
E59	Multifunctional high-protective clothing and personal equipment with special functional parameters	Lenka Martinková, Pitucha Tomas, Jan Marek	INOTEX, spol. s.r.o CZECH REPUBLIC

G60	Aplicación del análisis térmico a la determinación de la distribución del tamaño de poro en lana y fibras celulósicas	Albert Manich, M. Martí * M. Ussman ** J.Maillo *** D.Cayuela, J.Gacén	IIQAB, CSIC (SPAIN) * Universidades da Beira Interior. PORTUGAL ** DETIP. Universitat Politécnica de Catalunya. SPAIN *** INTEXTER (UPC), SPAIN
A61	Development of inks for lighting applications by printing processes over textiles	L.López, A. Soldado, F. Soldevila, P. Vidal * C. Casellas, T.Visa	CETEMMSA Technological Centre. * Departament d'Enginyería Química, EUETIB. SPAIN
A62	Desarrollo del proceso de cationización del algodón por agotamiento y su influencia en la tintura	Judith Vidal Prats, * Lluis Ponsà	SANS BRANDED * COLORCENTER S.A SPAIN
F63	Machinery and technology development for coating plansts as result of a close relationship between plant supplier and user	Andrea Glawe Andreas Giessmann	COATEMA COATING MACHINERY GmbH DORMAGEN GERMANY
D64	Nanotecnología en Acabados Textiles	Arun Naïk	Universitat Politécnica de Catalunya (UPC) SPAIN
F65	Evolución reciente del Sector Textil Español	Sr. Víctor Fabregat	CITYC. Centro de Información Textil y de la Confección A.I.E SPAIN
A66	The effects of dyeing parameters on the PLA fibers structure	M.B. Bilal, P. Vialller, A. Lallam	Le Laboratoire de aphysique et Mécanique Textile. Université de Haute Alsace FRANCE
A67	Solutions for digital textile printing chanllenges	Frank Berninger	Dystar Textilbarben GmbH & Co. Deutschland KG GERMANY
A68	Quantitative relations for design of disperse dyes of high technical properties	Felix Y. Telegin, E.S. Khaylenko, P.F. Telegin	Ivanovo State University of Chemical Technology RUSSIA
E69	Polyethylene's & Sewability	Johan Cleyman	Tanatex Chemicals
F70	AcquaZERO- an Environment- friendly and Cost-effective Innovation	Lucio Corbellini	NOSEDA S.r.l. ITALY

POSTERS ACEPTADOS POR EL COMITÉ CIENTIFICO INTERNACIONAL

E1	Functionalisation of cotton fabric by antimicrobial and repellent finishing	Brigita Tomsic, Barbara Simoncic, Lidija Cerne, Petra Forte Tavcer * Boris Orel , Aljaz Vilcnik , Mateja Zorko	Department of Textiles, Faculty Sciences and Engineering, University of Ljubljana. SLOVENIA * National Institute of Chemistry. Ljubljana. SLOVENIA
E2	Heat Characteristics Textile with Content PCM- Accepted Energy	Gabriela Pet'ková, Jakub Wiener phD.	Technical University of Liberec, Textile faculty, Department of Textile. CZECH REPUBLIC
C3	Cryogenic Grinding of Textile Waste	Eva Dvorakova Jaroslav Hanus *	Technical University of Liberec, Textile faculty, Department of Textile. CZECH REPUBLIC * Technical University of Liberec, Textile faculty, Department of Nonwoven Textiles. CZECH REPUBLIC
A4	Application of electrostatic layer-by-layer adsorption to textile dyeing	Takashi Nakamura, Katsuhiko Tani	Textile Research of Gunma. Dyeing and finishing Group. Kiru. JAPAN
E6	Antielectrostatic Finisshing of Polyamide fibres in exhust processes	Thomas Bechtold Martina Manahl, Ursula Reiter, Ingo Mangold *	Research Institute for Textile Chemistry and Textile Physics, University Innsbruck. AUSTRIA * Wolford AG. AUSTRIA
A7	The role of termal reactions in the photofading of disperse azo dyes on nylon	Yasuko Okada Toshio Hihara * Zenzo Morita **	Otsuma Women's University * DyStar Japan Ltd. ** Tokyo University of Agriculture and Technology JAPAN
A8	Amphiphilic and electronic properties of acid dyes and their behaviour in wool dyeing and bioelimination	Felix Telegin, Natalia Schitova, * Anna Telegina	Ivanovo State University of Chemical Technology. Dpt. Of Chemical Technology of fibrous Materials. * Moscow State University. RUSSIA
A9	Estabilidad de los efectos de mejora del UPF de tejidos de algodón producidos por la aplicación de productos de acabado absorbentes de radiación UV	Ascensión Riva, R. Prieto, N. Merino	INTEXTER (UPC).Terrassa SPAIN
B10	Enzyme Finishing of Natural Polyamide Fabric Using Transglutaminase	Ueda Mitsuo,Miyuki Matsuda * Keiichi Yokoyama, Noriki Nio	Kobe Women's University * Ajinomoto Co. JAPAN
G11	Correlation between K/S values of PET dyeings and oligomer content	Petra Recelj Marija Gorensek	Faculty of Natural Science and Engineering, Depatment of Textiles University of Ljubljana SLOVENIA
A12	Colour dependent reproducibility in dyeing of polyester-triacetat blend knitted fabrics	Orbán Ágota, József Fidel,István Rusznaák, András Vig	Organic Chemistry and Technology. Budapest University of Technology and Economics. HUNGARY
B13	A practical Method for determining of Cellulase Activity in Textile Industry	M. Ibrahim Baytiyari, Kerim Duran, Aysegül E. Körlü, Seher D. Perincek	Department of Textile Engineering. Ege University. TURKEY

B14	Functionalization of Textile Materials by Nano-Titanium Dioxide	Jadwiga Sojka-Ledakowicz, Joanna Lewartowska, Ewa Macnikowska-Kieres * Teofil Jesionowski, Andrzej Krysztafkiewicz ** Marcin Leonowicz	Textile Reserch Institute. Lodz * Poznan University of Technology **Warsaw Technical University POLAND
A15	Liposome of textile auxiliary agent, method of its preparation and application results	Radim Hrdina, Ladislav Burgert, Marcela Krdinová, Jana Andrová, Libor Dusek, Martin Dolník, * Costas Boutris, Eleni Loutsopoulou,Nena Malliou ** Kyriakos Loufakis	University of Pardubice, Faculty of Chemical Technology. CZECH REPUBLIC * Clothing Textile and Fibre Technological Development S.A. GREECE ** Loufakis Chemicals S.A
G16	Isolation of Ceramides From Wool by Supercritical Extraction Processes	Raquel Ramírez, M. Martí, M. Manich, J.L. Parra,L.Coderch, * I.Garay ** A. Naik	IIQAB (CSIC) Barcelona. * GAIKER. Parque Tecnológico. Zamudio ** INTEXTER (UPC).Terrassa SPAIN
A17	Dye Behaviour of Wool Fibres Without Internal Lipids	M.Martí, R. Ramírez, L.Coderch, J.L.Parra	IIQAB (CSIC) Barcelona. SPAIN
G18	Detección de diferencias de estructura fina en sustratos de poliéster para el mismo uso final. Solubilidad diferencial en fenol/agua (mezcla no clorada) y tinturas competitivas	Milagros Amrein * D. Cayuela, M. Le Marec, J. Gacén ** J. Maillo	Escola Universitària d' Enginyeria Tècnica en Teixits de Punt (EUETTP) * INTEXTER. Universitat Politècnica de Catalunya (UPC) ** DETIP. Universitat Politècnica de Catalunya. (UPC) SPAIN
G19	Quantitative determination of surface matter on natural fibres by Near Infrared Reflectance Spectroscopy	Marina Zoccola, Raffaella Mossotti, Riccardo Innocenti * Giuliano Freddi	Consiglio Nazionale delle Richerche- Istituto per lo studio delle macromolecole (CNR-ISMAC) * Stazione Sperimentale per la Seta ITALY
G20	Identificación fibras y aditivos utilizados en la fabricación de neumáticos mediante Py-GC/MS	Francisco Parres García, José Enrique Crespo, Vicente Nadal	Universidad Politécnica de Valencia. Escuela Politécnica de Alcoy. SPAIN
B21	Synthesis and characterization of conducting textiles of polyester covered with polypyrrole	Francisco Javier Cases , Javier Molina , Ana Isabel del Río , José Antonio Bonastre	Departamento de Ingeniería Textil y Papelera. Universidad Politécnica de Valencia SPAIN
C22	Electrochemical investigations of C.I. Reactive Orange 4 focused to textile wastewater reuse	Francisco Javier Cases , Javier Molina , Ana Isabel del Río , José Antonio Bonastre	Departamento de Ingeniería Textil y Papelera. Universidad Politécnica de Valencia SPAIN
B23	Combination of enzymatic methods for a more continuous cotton processing	Marta Garrido, J.M. Botet, M. Alaman, A. Briz, L. Bautista, D. Amantia, R. Paul, J. García, L.Aubouy, M. De la Varga	LEITAT Technological Center. Terrassa SPAIN
E24	Assessment of active principle in microcapsules applied by pad-dry systems	José Valldeperas, M.Lis, J.A.Navarro * J.Cebrián ** M.Martí,R. Ramírez, L.Coderch, J.L.Parra	Laboratorio de Tecnología de Quimica Textil (INTEXTER-UPC) * LIPOTEC ** IIQAB (CSIC)

D25	Morphological and thermal study of electrospinning nanocomposite systems	Jenny Alongi * Merima Poskovic ** Alessio Varesano, Alessio Montarsolo	Centro di Cultura per l' Ingegneria delle Materie Plastiche * Politecnico di Torino ** CNR-ISMAC, Istituto per lo Studio delle Macromolecole. ITALY
A26	La impresión digital textil como tecnología de producción	Thais Castells Sanabra	Drop Digital Printing S.A SPAIN
D27	Thermal and antibacterial behaviour of polypropylene-silver nanocomposites compatibilized with PPgMA	David García Sanoguera, R. Balart, D. García, L.Sánchez * E.Fages, J.Pascual	Instituto de Tecnología de Materiales. Universidad Politécnica de Valencia * Instituto Tecnológico Textil (AITEX) SPAIN
B28	Improve of adhesion properties of polypropylene film using low pressure plasma containing organic gas	David García Sanoguera, D.García, L.Sánchez, O.Fenollar * R.López ** M.A. Bonet	Instituto de Tecnología de Materiales. Universidad Politécnica de Valencia * Instituto Tecnológico Textil (AITEX) ** Department of Textile and Paper Engineering. Universidad Politécnica de Valencia SPAIN
B29	Surface modifications with plasma treatment prototype at atmospheric pressure	Stefano Fort * Maria Rosaria Massafra ** Claudia Riccardi	ARIOLI s.p.a * Stazione Sperimentale per la Seta ** PlasmaPrometeo. Universitá di Milano-Bicocca. ITALY
B30	Hydrophobic recovery of low density polyethylene trated with corona discharge plasma	Octavio Fenollar, R. Balart, L. Sánchez * R. Sanchis, M. Pascual	Instituto de Tecnología de Materiales. Universidad Politécnica de Valencia * * Instituto Tecnológico Textil (AITEX) SPAIN
B31	Surface modification of nonwoven fabrics using low pressure plasma with a mixture gas for filtration applications	Octavio Fenollar, R. Balart, D. García * R.López, ** M.A. Bonet	Instituto de Tecnología de Materiales. Universidad Politécnica de Valencia * Instituto Tecnológico Textil (AITEX) ** Department of Textile and Paper Engineering. Universidad Politécnica de Valencia SPAIN
A32	Application of Bolaform Electrolytes as Dyeing Auxiliaries for Acid Dyeing of Nylon 6	Kunihiro Hamada, Ryuji Yamada, Yuichi Hirata	Faculty of Textile Sci.& Tech. Sinshu University JAPAN
B33	The influence of lignocellulose fibres on enzymatic grafting of functional phenolics	Helena Krajnc, Vanja Kokol * M. Georg Guebitz	Department of Textile Materials and design. University of Maribor. SLOVENIA * Institute of Environmental Biotechnology. Graz University of Technology. AUSTRIA
G34	Desarrollo del ensayo del tiempo critico de disolución para las fibras de polilactida	Lucila Montero, D. Cayuela, J.Gacén * J.Maillo	INTEXTER. Universitat Politécnica de Catalunya * DETIP. Universitat Politécnica de Catalunya SPAIN
B35	Inluence of Enzymatic Industrial Washing on Cotton and Cotton/Elastane Garment's properties	Biljana Mangovska, Goran Demboski, Igor Jordanov	Faculty of Technology and Metallurgy. University Sts. Cyril and Metodius. MACEDONIA

E36	Effects of acid and neutral on fabrics parametres after antipilling treatment	Viktor Antonov, Jan Marek Jaroslav Bien	INOTEX Ltd. INTERCOLOR Ltd. CZECH REPUBLIC
B37	Methods for preparation and characterisation of self-clenain surfaces	Nika Veronovski, Majda Sfiligoj-Smole	Faculty of Mechanical Engeneering. University of Maribor SLOVENIA
D38	Preparation Magnetic Nano Particles on Cellulose Fibres	Silvo Hribernik, Majda Sfiligoj-Smole, Julián López-Viota, Karin Stana-Kleinschek	Laboratory for characterization and processing of polymers Faculty of Mechanical Engeneering. University of Maribor SLOVENIA
B39	Infrared Laser Irradiation on surface of cotton fabric	David Pernica	Department of Material Science Faculty of Mechanical Engineering CZECH REPUBLIC
C40	L'innovation par les Challenges ITECH	Jean-Pierre Gallet, Fabien Roland	ITECH. FRANCE
G41	Non-destructive and fast determination of water capour permeability of fabrics and its use in investigation of non-porous membranes	Lubos Hes	Dept. of Textile Evaluation. Faculty of textiles.TU Liberec CZECH REPUBLIC
E44	Estabilidad de los Efectos de Mejora del UPF de tejidos de algodón producidos por la aplicación de productos de acabado absorbentes de Radiación UV	A.Riva, R. Prieto, N. Merino	INTEXTER. Universitat Politécnica de Catalunya SPAIN