



## 2nd International Congress on Wool and Luxury Fibres, ICONWOOLF2022 PRELIMINARY PROGRAMME

**20 MAY 2022**

OPENING CEREMONY & PANEL Prof. Dr. Rıza Atav Creating A Starter Flock of Wool-Oriented Karacabey Merino That Will Meet Turkey's Need for Quality Wool: A Dream or Reality?			
BREAK			
PLENARY SESSION: Dr. Bruce A. McGregor Objective and Subjective Factors Affecting the Quality and the Processing of Raw Cashmere			
11:30-12:30	HALL 1 Fibre Science and Technology Chairman:	HALL 2 Pretreatment Chairman:	HALL 3 Dyeing Chairman: Assoc. Prof. Dr. Aminoddin Haji
11:30-11:45	103- Application of Artificial Intelligence in the Automatic Determination of Incidence Medullation of Animal Fibers /Edgar Quispe - Max David Quispe Bonilla - Christian Carlos Quispe Bonilla	106- Selective Bleaching of Pigmented Wool Fibers /Özer Göktepe - Evrim Biçak	91- One Bath Dyeing of Cotton/Wool Blend Yarns by Chemical Modification and Production of Knitwear Having Visual Effect /Durul Büğra Dilden - Yıldırım Fath Dilisiz - Muhammed Fath Yüksel - Rıza Atav
11:45-12:00	182- A Review of the Global Wool Market / H. Ziya Özek	167- Eco-Friendly Approach on Wool Pretreatment and Effect on the Wool Structure and Dyeability /Gizem Ceylan Türkoğlu - Berrak Buket Avcı - Gökhan Erkan - Ceyda Özen - Şerife Tozan Rüzgar - Alper Akkaya	96- Microwave-Assisted Extraction as a Rapid Extraction to Produce Natural Dyes from Quercus Coccifera L for Wool Dyeing /Fersi Wided
12:00-12:15	118- State-of-the-Art Review on the Use of Sheep Wool Fibre in Construction /Savvas Vassiliadis - Dimitroula Matsouka	147- Investigation of the Effect of Nonionic Pre-Treatment on the Color Yield of Reactive Dyed Wool Fabrics /Sabih Sezin Bozok - Md Emaid Sarker - R.Tuğrul Oğulata - Serin Mezarcoz	169- Topping of Naturally Dyed Wool Fabrics with Different Natural Dye Sources / Hüseyin Benli - Ömer Aydınloğlu - Fazlıhan Yılmaz - Muhammed Ibrahim Bahtıyan
12:15-12:30	127- Mohair, Usage Areas and Sof Weavings /Esa Dirgar - Okşan Oral - Alime Aslı İleez	170- The Effect of Glucose Oxidase Enzyme on Wool Fibers /Gökhan Erkan	93- Development of a Microwave-Assisted Extraction of Natural Dye From Juglans Regia Bark to Dye Wool Fabrics /Manel Ben Ticha - Nourhene Slama - Nedra Dhouibi - Chedly Boudkhanane - Hatem Dhaouadi
LUNCH BREAK			
PLENARY SESSION 2 Prof. Jinsong Shen Recent Developments in Textile Biotechnology for the Enzymatic Coloration of Wool			
14:15-15:15	HALL 1 Technical, Functional and Smart Textiles Chairman: Prof. Dr. Onur BALCI	HALL 2 Dyeing&Printing Chairman: Assoc. Prof. Dr. Martinia GLOGAR	HALL 3 Tests and Quality Control Chairman: Prof. Dr. Edgar QUISPE
14:15-14:30	168- Naturally Functionalization of a Traditional Textile Good "Ehram" /Fazlıhan Yılmaz - Ömer Aydınloğlu - Hüseyin Benli - Gülten Gültepe - Muhammed Ibrahim Bahtıyan	39- Dyeing Wool/Cotton Blends with Natural Dyes /Selma Soysal - Fatma Yıldız - Rıza Atav	117- Examination of Wool Woven Fabric Production Process with Control Charts /Can Ünal
14:30-14:45	162- Textile Surface Production with Turkey Feather Reinforced Filler /Seyma Büşra Güncel - İsmail Usta	82- Optimization of Mordant-Free Natural Dyeing of Wool with Punica Granatum Fallen Leaves Using Response Surface Methodology /Aminoddin Haji - Fatemeh Shahmoradi Ghaheh - Liliana Indrie	94- Comparison of the Handle, Comfort and Visual Properties of Wool Containing New Generation Denim Pants Compared to Conventional Products /Öner Gündüz - Gizem Çakan - Hasan Hüseyin Kutlu - Uğur Ergünay - Rıza Atav
14:45-15:00	130- Evaluation of Thermal Insulation and Sound Absorption Properties of Silica-Aerogel Integrated Turkish Wool Fiber /Pelin Altay - Gülşah Özcan	176- Obtaining Visual Effects on Wool/Viscose Blend Fabrics via Burn-Out (Devoré) Printing / Nilay Çağman	155- Fabric Prickle and its Measurement /Gamze Süpüren Mengüç - Nilgün Özdil - Çihat Okan Arkan - Aysun Baltacı
15:00-15:15		181- Development Of Flocked Upholstery Fabric with Natural Appearance Effects Like Wool Felt Using Special Printing Techniques / Elif Balcı - Gökhan Güney - Serap Binyal - Banş Bekiroğlu - Ferit Deniz	
BREAK			
PLENARY SESSION 3			
16:15-17:15	HALL 1 Yarn Production, Weaving and Knitting Chairman:	HALL 2 Ecology and Sustainability Chairman: Prof. Dr. H. Ziya ÖZEK	HALL 3 Finishing Chairman: Assoc. Prof. Dr. Gökhan Erkan
16:15-16:30	180 - Properties of Modal/Wool/Cashmere Blended Yarns/ Gamze Süpüren Mengüç - Nilgün Özdil	113- Industry Resilience Before, Now, After Covid-19 /Vasiliki Tavara - Savvas Vassiliadis	92- Eco-Friendly Dyeing and UV Protection Properties of Wool Fabric Using Natural Dye from Sumac (Rhus tripartita) /Noureddine Baaka
16:30-16:45	111- A Study About Comparison of Automotive Seat Fabrics Using Alpaca and Sheep Wool Fibers /Nur Ceyda Uyanıktır - Semih Oylar - Diren Mecit - Osman Aydın	75- General Overview of Sustainability in Textile Industry: the Needs for Re-Engineering /Sabri Can Tuz - Aslı Demir - Esen Özdoğan	98- The Application of Nanoparticles on Dyed Wool Yarn with Walnut Shell Natural Dye /Mohammad Khajeh Mehriz - Seyed Mohammad Veysian - Farzaneh Malakan
16:45-17:00	58- Plus Size Trousers Design with High Performance Cordura and Wool Content Fabrics /Sibel Kızılkaya - Gaye Şenkal Acar - Tarkan Aydın	114- Tannery Wool as an Available and Sustainable Natural Material /Ofa Abdellouai - Taoufik Harizi - Slah Msahil	55- The Effect of Plasma Treatment on Some Physical Properties of Pet/Wool Fabric /Aminoddin Haji - Amirhossein Vaziri
17:00-17:15		134- Ecological Hazards of Nanoparticles Used in Textiles /Gülşah Pamuk - Alime Aslı İleez	
CLOSING CEREMONY			