5th International Symposium on Innovative Approaches in Smart Technologies

28-29 May 2022, Turkey (online)

Congress Chair

Prof. Dr. Temel Göktürk, Artvin Çoruh University, Turkey, Chair
Assoc. Prof. Dr. Nalan Demircioğlu Yıldız, Atatürk University, Turkey, Chair

Organizing Committees

Amir Haghjou, Islamic azad University of Shabestar, Iran
Beyza Esin Özseven, Tokat Gaziosmanpaşa University, Turkey
Cem Emeksiz, Tokat Gaziosmanpaşa University, Turkey
Cihat Yıldız, Atatürk University, Turkey
Elif Tozlu, Atatürk University, Turkey
Gaioz Partskhaladze, Batumi Shota Rustaveli State Univeristy, Georgia
Gordana Kaplan, Eskisehir Tehcnical University, Turkey
Guguli Dumbadze, Batumi Shota Rustaveli State Univeristy, Georgia
Güven Çankaya, Ankara Yıldırım Beyazıt University, Turkey
Nuray Demir, Atatürk University, Turkey
Sadık Artunç, Mississippi State University, USA
Serkan Özer, Atatürk University, Turkey
Sinan Kıvrak, Ostim Teknik University, Turkey
Şükrü Yıldız, Ahi Evran University, Turkey
Uğur Avdan, Eskişehir Technical University, Turkey
Zaza Davitadze, Batumi Shota Rustaveli State University, Georgia

Scientific Committees

» Abdurrahman Telli, Cukurova University, Turkey
» Ahmad Al-Omari, Al al-Bayt University, Jordan
» Ahmad Omid Afzali, Afghanistan Academy of Sciences, Afghanistan
» Ahmed Al-Durra, Khalifa University, UAE
» Ahmed Hussein Aliwy, University of Kufa, Iraq
» Ahmet Benliay, Akdeniz University, Turkey
» Aleksandar Petrovski, General Mihailo Apostolski, Macedonia
» Aleksandar Valjarević, University of Belgrade,Serbia
» Ali Çaylı, Kahramanmaraş Sütçü İmam University, Turkey
» Ali Durmuş, Erciyes University, Turkey
» Ali Paşa Hekimoğlu, Recep Tayyip Erdogan University, Turkey
» Alptuğ Ünal, Konya Technical University, Turkey
» Amir Haghjou, Islamic azad University of Shabestar, Iran
» Arzum Işıtan, Pamukkale University, Turkey
» Aslı Er Akan, Çankaya University, Turkey
» Ayse Nihan Basmaci, Tekirdag Namık Kemal University, Turkey
» Aysel Veyisoğlu, Sinop University, Turkey
» Banu Karaşah, Artvin Çoruh University, Turkey
» Barış Yılmaz, Manisa Celal Bayar University, Turkey
» Bekir Cengil, Çankırı Karatekin University, Turkey
» Berkan Zöhra, Amasya University, Turkey
» Beşir Dandıl, Iskenderun Technical University , Turkey
» Beyza Esin Ozseven, Turkey
» Bige Şimşek İlhan, Amasya Unıversity, Turkey
» Can Ünal, Namık Kemal University, Turkey
» Cengiz Taplamacıoğlu, Gazi University, Turkey
» Cihat Yıldız, Atatürk University, Turkey
» İlkay Dinç Uyaroğlu, Ostim Technical University, Turkey
» İlker Yıldız, Bolu Abant İzzet Baysal University, Turkey
» İsmail Altın, Karadeniz Technical University, Turkey
» İsmail İşeri, Ondokuz Mayıs University, Turkey
» Jamshed Iqbal, University of Hull, England
» Kader Poturcu, Süleyman Demirel University, Turkey
» Kadri Maikov, Estonian University of Life Sciences, Estonian
» Kadriye Aydemir, Amasya University, Turkey
» Köksal Erentürk, Ataturk University, Turkey
» Krystyna Januszkiewicz, West Pomeranian University of Technology, Poland
» Levent Gökrem, Tokat Gaziosmanpaşa University, Turkey
» Ljiljana Trajkovic, Simon Fraser University, Canada
» Loredana Judela Gheorge, Asachi Technical University of Lasi, Romania
» Mahmoud Hassan Onsa, University of Khartoum, Sudan
» Mateo Gašparović, University of Zagreb, Croatia
» Medea Burjanadze, University of Georgia University, Georgia
» Mehmet Emir Koksal, Ondokuz Mayıs University, Turkey
» Mehmet Kamanlı, Konya Technical University, Turkey
» Mehmet Yüksel, Cukurova University, Turkey
» Meliha Aklıbaşında , Nevşehir Hacı bektaş Veli University, Turkey
» Mevlüt Gürbüz, Ondokuz Mayıs University, Turkey
» Mine Tülin Zateroğlu, Çukurova University, Turkey
» Mohammed Osman Elsadig, University of Khartoum, Sudan
» Murat Yeşil, Ordu University, Turkey
» Nalan Kandırmaz, Mersin University, Turkey
» Nejla Cını, Istanbul Technical University, Turkey

» Çiğdem Şerifoğlu Yılmaz, Karadeniz Technical University, Turkey
» Demet Tatar, Hitit University, Turkey
» Deniz Ekmekçioğlu, Ondokuz Mayıs University, Turkey
» Derya Elmalı Şen, Karadeniz Technical University, Turkey
» Derya Sarı, Artvin Çoruh University, Turkey
» Didem Güneş Yılmaz, Bursa Technical University, Turkey
» Duygu Kaçar, Eskişehir Osmangazi University, Turkey
» Elif Akpınar Külekçi, Atatürk University, Turkey
» Elmina Gadirova, Baku State University, Azerbaijan
» Emine Dıraman, Ondokuz Mayıs University, Turkey
» Emine Gül Cansu Ergün, Baskent University, Turkey
» Emine Tarakcı Eren, Artvin Çoruh University, Turkey
» Erdal Ekici, Çanakkale Onsekiz Mart University, Turkey
» Erhan Çalışkan, Karadeniz Technical University, Turkey
» Erhan Şener, Süleyman Demirel University, Turkey
» Erkan Kırış, Recep Tayyip Erdogan University, Turkey
» Esra Özhancı, Nevşehir Hacı bektaş Veli University, Turkey
» Fatih Us, Ondokuz Mayıs University, Turkey
» Fatma Gönül Solmaz, Ondokuz Mayıs University, Turkey
» Fatma Zehra Çakıcı, Atatürk University, Turkey
» Figen Beyhan, Gazi University, Turkey
» Fikrat Yılmaz, Tokat Gaziosmanpaşa University, Turkey
» Filiz Tavşan, Karadeniz Teknik University, Turkey
» Gaioz Partskhaladze, Batumi Shota Rustaveli State univeristy, Georgia
» Gordana Kaplan, Eskisehir Tehcnical University, Turkey
» Guguli Dumbadze, Batumi Shota Rustaveli State University, Georgia
» Güray Uyar, Ankara Hacı Bayram Veli University, Turkey
» Güven Çankaya, Ankara Yıldırım Beyazıt University, Turkey
» H. Arzu Kocabaş, Mimar Sinan Fine Arts University, Turkey
» Habib Shahhoseini, Tabriz azad University, Iran
» Hassan Ebrahimi Asl, International Islamic Azad University of Jolfa, Iran
» Hatice Ulusoy, Muğla Sıtkı Koçman University, Turkey
» Hıdır Düzkaya, Gazi University, Turkey
» Hilal Surat, Artvin Çoruh University, Turkey
» Hilal Tuğba Örmecioğlu, Akdeniz University, Turkey
» Hüseyin Peker, Artvin Çoruh University, Turkey
» Ibrahim Aliskan, Bülent Ecevit University, Turkey
» Irada B. Dadashova, Baku State University, Azerbaijan
» Ivica Milevski, Ss. Cyril and Methodius University in Skopje, Macedonia
» Neslihan Kulözü, Atatürk University, Turkey
» Nuray Demir, Atatürk University, Turkey
» Nürettin Akçakale, Bolu Abant İzzet Baysal University, Turkey
» O. Cenk Demiroğlu, Umea University, Sweden
» Oğuz Mısır, Tokat Gaziosmanpaşa University, Turkey
» Ömer Atabeyoğlu, Ordu University, Turkey
» Ömer Faruk Akmeşe, Hitit University, Turkey
» Ömer Lütfü Çorbacı, Recep Tayyip Erdogan University, Turkey
» Paria Violette Shakiba, Islamic azad University of Shabestar, Iran
» Pelin Gürkan Ünal, Namık Kemal University, Turkey
» Pervin Yeşil, Ordu University, Turkey
» Peter Summerlin, Mississippi State University, USA
» Qasimi Abdul, University of Samangan University, Afghanistan
» Ruzica Bogdanovic, Univerisity Union Nikola Tesla, Serbia
» S.Mubariz Khalilov, Baku State University, Azerbaijan
» Sadık Artunç, Mississippi State University, USA
» Safarova Ilhame, Baku State University, Azerbaijan
» Saliha Erentürk, Atatürk University, Turkey
» Seher Arslankaya, Sakarya University, Turkey
» Selahattin Bardak, Sinop University, Turkey
» Selahattin Budak, Gümüşhane University, Turkey
» Selcuk Okdem, Erciyes University, Turkey
» Semra Arslan Selçuk , Gazi University, Turkey
» Sena Özen Yıldırım, Çanakkale Onsekiz Mart University, Turkey
» Serkan Özer, Atatürk University, Turkey
» Serpil Aydın , Ondokuz Mayıs University, Turkey
» Sevin İnanç Özkan, Artvin Çoruh University, Turkey
» Shahryar Shaghaghi, Islamic azad University of Shabestar, Iran
» Soltan A. Alharbi, University of Jeddah Kingdom of Saudi Arabia, Saudi Arabia
» Sultan Sevinç Kurt Konakoğlu, Amasya Unıversity, Turkey
» Süleyman Adak, Mardin Artuklu University, Turkey
» Şenol Bayraktar, Recep Tayyip Erdogan University, Turkey
» Şükran Şahin, Ankara University, Turkey
» Şükrü Yıldız, Ahi Evran University, Turkey
» Tahsin Yılmaz , Akdeniz University, Turkey
» Temel Göktürk, Artvin Çoruh University, Turkey
» Tuğba Düzenli, Karadeniz Technical University, Turkey
» Uğur Avdan, Eskişehir Technical University, Turkey
» Volkan Yılmaz, Karadeniz Technical University, Turkey
» Zafer Doğan, Tokat Gaziosmanpaşa University, Turkey
» Zaza Davitadze, Batumi Shota Rustaveli State University, Georgia
» Zehra Yiğit Avdan, Eskişehir Technical University, Turkey

Secretary

Sadık Önal, Tokat Gaziosmanpaşa University, Turkey
Volkan Karaca, Tokat Gaziosmanpaşa University, Turkey
Ali Can Kuzulugil, Atatürk University, Turkey
Başak Aytatlı, Atatürk University, Turkey