

| APRIL 25, 2017 | |
|---|--|
| Yıldız Technical University, Auditorium | |
| 09:30 - 10:00 | Conference Chairman, Department Head, Dean, Rector |
| PLENARY SPEAKERS | |
| 10:00 - 10:45 | IBRAHIM DINCER - ALTERNATIVE ENERGY DIMENSIONS: A NOVEL APPROACH |
| 10:45 - 11:30 | MOHAMED HAMED - ENERGY OPTIMIZATION OF THE THERMAL PROCESSING INDUSTRY |
| 11:30 - 13:00 | Lunch |
| KEYNOTE SPEAKERS | |
| 13:00 - 13:30 | ENRICO SCIUBBA, ITALY |
| INVITED SPEAKERS | |
| 13:30 - 14:00 | HAMADICHE MAHMOUD, FRANCE |
| 14:00 - 14:20 | COFFEE BREAK - POSTER PRESENTATIONS |
| 14:20 - 14:50 | EIYAD ABU-NADA, UNITED ARAB EMIRATES - DISSIPATIVE PARTICLE DYNAMICS: A NOVEL TOOL FOR CONVECTIVE HEAT TRANSFER SIMULATION |
| 14:50 - 15:20 | MIKHAIL A. SHEREMET, RUSSIA |
| 15:20 - 15:40 | COFFEE BREAK - POSTER PRESENTATIONS |
| 15:40 - 16:10 | SAMEH ELSYAED AHMED, EGYPT - VARIABLE POROSITY AND THERMAL DISPERSION EFFECTS ON A NATURAL CONVECTIVE FLOW OF NANOFUIDS IN A COMPOSITE SYSTEM |
| 16:10 - 16:40 | KAZI MD. SALIM NEWAZ, MALAYSIA - FOULING AND FOULING MITIGATION OF INDUSTRIAL HEAT EXCHANGERS THROUGH CUSTOMIZED SYNTHESIS OF NOVEL COLLOIDS AND HEAT EXCHANGER SURFACE MODIFICATION |
| ORAL PRESENTERS | |
| 16:40 - 16:50 | MELDA OZDINC CARPINLIOGLU, OZKAN KIREC - THERMAL IMAGE ANALYSIS OF POROUS METAL FOAMS FOR MATERIAL CHARACTERIZATION |
| 16:50 - 17:00 | REZA SEDAGHATI, Mahmoud Reza Shakarami - USING STATIC SYNCHRONOUS COMPENSATOR (STATCOM) FOR ACTIVE POWER EXCHANGE WITH POWER SYSTEM |
| 17:00 - 17:10 | MESUT ABUŞKA, VOLKAN ALTINTAŞ, SEYFİ ŞEVİK - Prediction of the Outlet Air Temperature of Solar Air Collector with Artificial Neural Network |
| 17:10 - 17:20 | MESUT ABUŞKA, SEYFİ ŞEVİK - The Effect of Glass and Polycarbonate Cover Usage on the Efficiency of Solar Air Heater |
| 17:20 - 17:30 | MESUT ABUŞKA, SEYFİ ŞEVİK, VOLKAN ALTINTAŞ - THE EFFECT OF BLOWING DIRECTION ON HEAT SINK PERFORMANCE BY THERMAL IMAGING |
| 17:30 - 17:40 | AYSE FİDAN ALTUN, MUHSİN KILIÇ - NANO INSULATION MATERIALS FOR BUILDING APPLICATIONS |
| 17:40 - 17:50 | AYSE FİDAN ALTUN, MUHSİN KILIÇ - COMPARATIVE ANALYSIS OF CENTRAL HEATING SYSTEMS WORKING WITH DIFFERENT FLOW TEMPERATURE RANGES: A CASE STUDY OF A UNIVERSITY CAMPUS |
| 17:50 - 18:00 | ESRA ÖZDEMİR, MUHSİN KILIÇ - THERMODYNAMIC ANALYSIS OF BASIC AND REGENERATIVE ORGANIC RANKINE CYCLES USING DRY FLUIDS FROM WASTE HEAT RECOVERY |
| 18:00 - 18:10 | MURAT ATEŞ, ESİN ÖZTEN - SUPERCAPACITOR STUDY OF POLYCARBAZOLE/GRAPHENE AND POLYCARBAZOLE/NANOCCLAY/GRAPHENE ELECTRODE ACTIVE MATERIALS |
| 18:10 - 18:20 | MURAT ATEŞ, ESİN ÖZTEN - POLYMETHYLCARBAZOLE AND POLYMETHYLCARBAZOLE/GRAPHENE ELECTROACTIVE MATERIAL FOR CAPACITORS |
| 18:20 - 18:30 | İSKENDER KAYABAŞI, OĞUZ YILDIRIM, SEMİH ÇAKIL - NUMERICAL MODELING OF BATCH ANNEALING PROCESS FOR COLD ROLLED STEEL SHEETS |