



EUROSTEEL 2025 (2026)

ISTANBUL, TÜRKİYE



TURKISH CONSTRUCTIONAL
STEELWORK ASSOCIATION



YEDİTEPE ÜNİVERSİTESİ

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1. ORGANIZERS

- EUROSTEEL 2025 (2026) Conference will be organized by Yeditepe University in coordination with the Turkish Constructional Steelwork Association (TUCSA)
- Organization coordinators are Dr. Özgür Köylüoğlu, Head of Civil Engineering Department, and H. Yener Gür'eş, President of TUCSA EB
- Initial Organization Committee is listed at the next slide.
- International Scientific Committee will be established when the dates are fixed.

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1.1. ORGANIZERS – Initial Organization Committee

- Civil Engineering Department, Yeditepe University
 - ✓ Assistant Prof. Dr. Özgür Köylüođlu
 - ✓ Assistant Prof. Dr. Almıla Uzel
 - ✓ Assistant Prof. Dr. Eren Vuran
 - ✓ Dr. Selçuk İz



<https://eng.yeditepe.edu.tr/en/civil-engineering-department/academic-staff>

- Turkish Constructional Steelwork Association (TUCSA)
 - ✓ H. Yener Gür'eş
 - ✓ Dr. Kađan Yemez
 - ✓ Aydın Kulaksız
 - ✓ Yeşim Gür'eş



<https://tucsa.org>
<https://tucsaevents.org>

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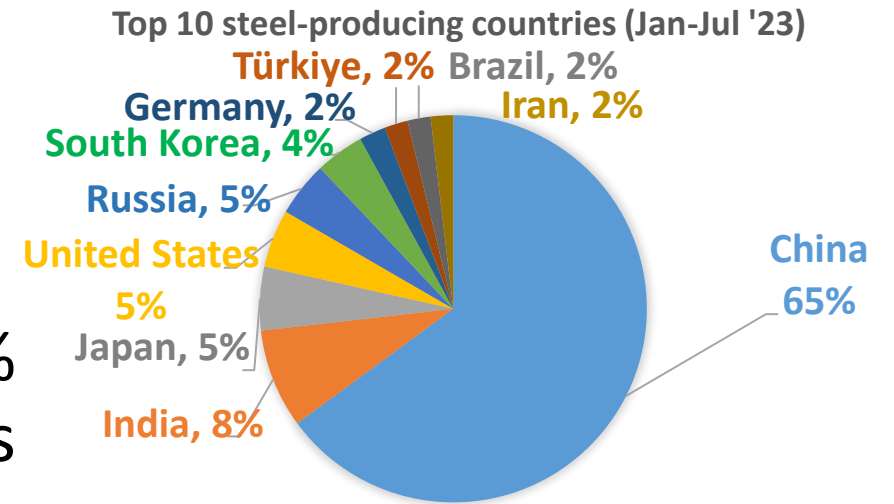
2.1 Istanbul, Türkiye

1. Leading international market share of Türkiye's steel production and use providing a logistic advantage,
2. Urgent need for post-earthquake reconstruction as well as strengthening for earthquake resilience of existing buildings in Türkiye, enforcing a shift in conventional construction to steel structural systems and components,
3. Opportunity to facilitate Istanbul's location as a gateway of Europe to Middle Eastern and Central Asia for reaching out to international urban reconstruction and infrastructure projects,
4. Critical role of steel industry for transition to sustainable construction industry in serving the "2050 Zero-Carbon Goal", pushing innovative solutions, hence international collaboration for steel structure design and erection as well as accessible platforms for dissemination of information.

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2.2 Türkiye - Steel production and use

- Türkiye is the 8th largest steel producer; 7th in amount of use, and 15th in per capita use, as of 2022.¹
- Türkiye is also the 5th in total imports and 6th on total exports, as of 2022.¹
- Yet, use of steel in buildings is only 5% optimistically in Türkiye, contrary to world's 52% steel use in buildings and infrastructure, despite the high earthquake damage risk in the country.
- Steel construction is limited mostly to industrial buildings as well as large span airport buildings, stadium halls, and suspension bridges.
- Design and build experience on all kinds of steel buildings is utilized for fabrication and construction mainly abroad.



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2.2 Türkiye - Steel production and use (cont'd)

- Five steel suspension bridges have been constructed in Türkiye since 1970, on the Bosphorus, Izmit Bay and Dardanelles. The last 1915 Çanakkale Bridge; the longest mid-span bridge of the World that was put in service recently in 2022 has received the European Steel Bridge Awards 2022 of the ECCS, at the 10th International Steel Bridges Symposium (SBIS 2022) in Istanbul, Türkiye.
- Nearly all high-rise commercial buildings are constructed as reinforced concrete structures.
- In summary, logistic advantage of Türkiye's low-carbon steel production market can be effectively utilized, locally as well as internationally, to utilize steel construction know-how in other areas of construction industry.



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2.3 Istanbul is a Europe's Gateway to Middle East and Central Asia

- Istanbul and Türkiye's geographical location provides access to the most active international construction market within four hours.
- Steel structures' innovative transportation and erection methods provide opportunities for facilitating Türkiye's leading steel production capacity in serving international markets.
- Steel is critical for transition to a sustainable construction industry that is crucial for achieving "2050 Zero-Carbon Goal".
- Eurosteel Conference in Türkiye is envisioned to provide an dynamic collaborative platform for scientists and industry professionals to create innovative solutions internationally; a platform that would be accessible by the international contractors within Türkiye's geographical reach.



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2.4 Earthquake on 6th of February 2023

- After the February 6, 2023 Earthquakes that affected 17 important cities in Anatolia, with 50,500¹ life loss, with 35,964 building collapse, and additional 237,500 thousand buildings that are moderately and heavily damaged².
- Turkish state is planning to construct 507 thousand new residential units and 143 thousand rural house, of which **319 thousand to be delivered within a year**³.
- Even some of the existing industrial buildings with steel structural system needs assessment for compliance to the current earthquake code of Türkiye, and to be retrofitted or reconstructed accordingly.



<https://gazeteoksijen.com/turkiye/kahramanmaras-depremi-cumhuriyet-tarihinin-en-buyuk-felaketlerinden-biri-oldu-169809>



<https://www.sabah.com.tr/fotohaber/ekonomi/enkaz-kent-ayaga-kalkiyor-deprem-konutlarinin-teslim-tarihi-netlesti-bu-kadarini-hayal-edemiyordum>

¹ <https://www.bbc.com/turkce/articles/c51kdv8d15jo>

² <https://www.sbb.gov.tr/wp-content/uploads/2023/03/2023-Kahramanmaras-and-Hatay-Earthquakes-Report.pdf>

³ <https://www.tccb.gov.tr/haberler/410/145813/-cumhuriyet-tarihinin-en-buyuk-konut-ve-sehircilik-seferberligini-alnimizin-akiyla-tamamlayacagiz->

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2.5 Needs against Earthquake in the future

- Active faults within the Marmara Region and Western Anatolia, where major population and industrial activity is placed, necessitates priority assessment and strengthening of most buildings in the areas.
- **Strengthening existing buildings and reconstruction of some local communities to increase resilience of the cities**, poses need for innovative methods to do work with limited service interruption.
- The constraints of the solutions for resilience requires creative solutions in terms of affordability, continuity, human and equipment resources in terms of applicable construction techniques and technologies that needs to be studied collaboratively with the designers and constructors from various disciplines and provision of trainings at all levels of stakeholders, so as to increase the resources.

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2.6 Benefits of EUROSTEEL in increasing the use of Steel Constructions by;

- **presenting structural as well as construction advantages** of steel buildings and showcasing its reliability for earthquake resistance
- **enriching** existing design knowledge for heavy steel construction as well as lightweight steel for civil engineering professionals
- **disseminating** erection and quality control knowledge for steel to construction professionals
- **promoting** state-of the art knowledge for sustainable and resilient steel construction to civil engineering professionals, as well as architects
- **hence, reaching out to a large audience** of industry professionals which operate internationally for cultivating **collaboration opportunities** for scientists and professionals.

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3.1 Why Yeditepe University?

- Yeditepe University is founded by the İstek Foundation, and has all facilities and flexibility to accommodate this conference in its gated campus, as reported in the following pages.
- The Civil Engineering Department of the University has been already hosting the Constructional Steel Days of the Turkish Constructional Steelwork Association, which is a member of the ECCS, where late chairperson of the Prof. Dr. Nesrin Yardımcı Tiryakioğlu was also the chairperson of the Civil Engineering Department.
- Civil Engineering Department of Yeditepe University has been accredited by MUDEK and has received the EUR-ACE Label. The department has more than 600 graduates and currently more than 300 students at reach who can benefit from this conference.

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3.2 About Yeditepe University

- Yeditepe University has 69 undergraduate programs under 13 faculties, including;
 - ✓ Faculty of Engineering,
 - ✓ Faculty of Architecture,
 - ✓ Faculty of Arts and Sciences,
 - ✓ Faculty of Economy and Administrative Sciences,
 - ✓ Faculty of Law,
 - ✓ Faculty of Medicine,
 - ✓ Faculty of Pharmacy,
 - ✓ Faculty of Dentistry, ..
- 1034 full time Academic Staff in YU
- 103 Academic Staff in Engineering
- 17.378 students in total



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- 1** Rectorate Building
Rectorship, Student Center, English Prep School, Corporate Communication, Administrative Unit, Information Center
- 2** Engineering Building
Faculty of Engineering, Faculty of Medicine, Faculty of Health Sciences, Faculty of Pharmacy, Faculty of Dentistry, Institute of Medical Sciences, Institute of Natural and Applied Sciences, Infirmary
- 3** Computer and Information Sciences Building
Faculty of Computer and Information Sciences, Applied Sciences of Higher Education

- 4** Law Building
Faculty of Law, Faculty of Economics and Administrative Sciences, Institute of Social Sciences
- 5** Fine Arts Building
Faculty of Fine Arts, Faculty of Communication, Faculty of Education, Faculty of Science and Literature, Faculty of Architecture, Institute of Educational Sciences
- 6** Facilities Building
Outdoor/Indoor Swimming Pool, Fitness, Shopping Center, Bank, Restaurants, Indoor Basketball Hall, Stationery, Patisserie

- 7** Female Hall of Residence
- 8** Outdoor Sports Facilities
(Volleyball, Basketball, Tennis Court)
- 9** Greenhouse / Dome

- 10** Male Hall of Residence
- 11** Astroturf
- 12** Main Entrance

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3.4 Conference Halls

- There are 5 Conference Halls and additional 18 Amphi Halls as listed in this and the following slides.

No	Name/Number for Identification of the Hall	Seating Capacity
1	Conference Hall / Fine Arts Conference Hall (8E01)	330
2	Conference Hall / İnan Kır�a� Hall	1000
3	Conference Hall / Blue Hall	110
4	Conference Hall / Green Hall	100
5	Conference Hall / �zeyir Garih Hall	100

- All types of media hardware is available in Fine Arts Conference Hall and in İnan Kır a  Hall.
- Projector and sound systems are available in the Blue, Green and  zeyir Garih Hall. Departments supply the computers for meetings.

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3.5 Amphi Halls*

No	Name/Number for Identification	Seating Capacity	CLASSROOM	Seating Capacity
1	Fine Arts Building Amphi Hall / 301	112	Law Building Amphi Hall / Z03	112
2	Fine Arts Building Amphi Hall / 302	116	Law Building Amphi Hall / Z06	78
3	Fine Arts Building Amphi Hall / 303	92	Law Building Amphi Hall / Z07	69
4	Fine Arts Building Amphi Hall / 304	95	Law Building Amphi Hall / Z10	60
5	Fine Arts Building Amphi Hall / 305	90	Law Building Amphi Hall / Z10-A	61
6	Fine Arts Building Amphi Hall / 402	132	Law Building Amphi Hall / Z12	171
7	Fine Arts Building Amphi Hall / 403	117	Law Building Amphi Hall / Z16	74
8	Fine Arts Building Amphi Hall / 404	142	Law Building Amphi Hall / Z17	109
9	Fine Arts Building Amphi Hall / 7E01	148	Engineering Building Amphi Hall / 4.06 (B0312)	78
10	Fine Arts Building Amphi Hall / 7E02	143	Engineering Building Amphi Hall / 4.19 (B0311)	161
11	Fine Arts Building Amphi Hall / 7E03	130	Engineering Building Amphi Hall / 4.20 (B0310)	101
12	Fine Arts Building Amphi Hall / 7E04	143	Engineering Building Amphi Hall / 4.21 (B0309)	100
13	Law Building Amphi Hall / 112	95	Engineering Building Amphi Hall / 4.23 (B0308)	100
14	Law Building Amphi Hall / 125	188	Engineering Building Amphi Hall / 4.24 (B0307)	99
15	Law Building Amphi Hall / 212	95	Engineering Building Amphi Hall / 4.25 (B0306)	98
16	Law Building Amphi Hall / 230	95	Engineering Building Amphi Hall / 4E01	150
17	Law Building Amphi Hall / Z01	168	Engineering Building Amphi Hall / 4E02	52
18	Law Building Amphi Hall / Z02	186	Engineering Building Amphi Hall / 4E03	150

* Projector and computer are available in all amphi halls; most of them also having the sound system integrated.

Inan Kiraç Conference Hall (1000 seats)



Faculty of Fine Arts Conference Hall (330 seats)

Photos of other Conference Halls (100-110 seats)



Üzeyir Garih Hall



Green Hall



Blue Hall

Engineering Building Amphi Halls (approx. 100 seats)



Law Building Amphi Halls (80 to 180 seats)

Faculty of Fine Arts Theaters Amphi Halls (more than 100 seats)



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3.6 Food Courts

Location (All on Campus)	Seating Capacity
A-LA CARTE 1 – Self Service	495
A- LA CARTE 2 – Self Service	572
FAST FOOD 1 (BLUE) – Self Service	466
FAST FOOD 2 (RED) – Self Service	440
YEDİTEPE SOFRA (for Faculty, Restaurant with Service)	370

Self-service Cafeterias



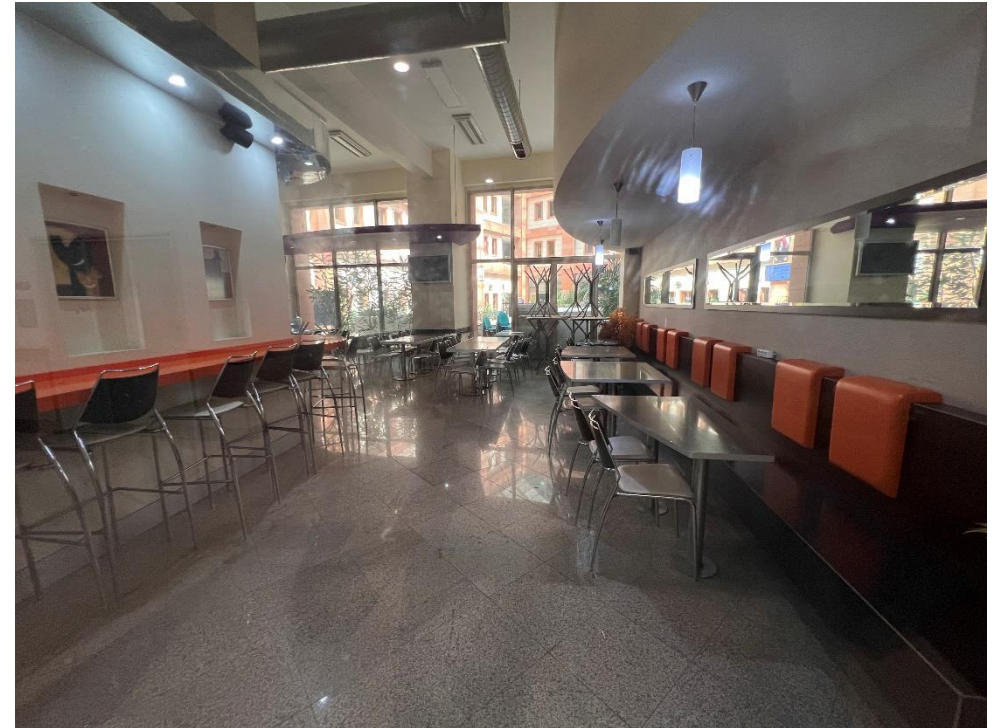
- Main cafeterias that are placed in the Social Facilities Building.

The Sofra Restaurant



- The Sofra Restaurant serves the faculty and serviced by waiters.

Building Block Cafeterias



- There are also smaller cafeterias in each building. The picture from Engineering Cafeteria.

The Canteens



- There are also canteens in each building block. This one is at the Engineering Building.

Coffee House



- Snacks and brewed coffee can be found with indoor and outdoor seating.

Outdoor Cafes



- There is a patisserie serving the area.

Grove Cafes



- There are outdoor drink-service seating areas also.

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3.7 Service & Shuttle Buses

- The University Foundation has a transportation fleet of total 440 vehicles, consisting of 370 minibuses and 70 buses.
- A fleet of 70 vehicles operate for Yeditepe University students and staff.
- There is a student shuttle service to our University from all districts in İstanbul except for Çatalca, Silivri, Beylikdüzü, Şile and Sultanbeyli. You can find route and time information at www.istekservis.com.tr.



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3.8 Connections to Mass Transportation

Transportation- Municipality City Buses

There are two bus stops across the two main gates of the university. The bus numbers for reaching the university are:

- 19
- 14KS
- 256
- 10E
- 133F
- 11T

Transportation- Private Minibuses

Blue minibuses pass from the bus stop opposite the campus main gate. There are three different destinations; to Kadıköy, Bostancı and Dudullu.

Transportation- University Ring Connections to Mass Transportation

There are free shuttle services between the campus and the İçerenköy metro station.

İçerenköy metro station 3 Km

Bostancı Bridge metro station 5.2 Km

Kadıköy metro station 14.4 Km

Uzunçayır Metrobus station 8.5 Km

Kartal metro station 10 Km

Üsküdar metro station 13 Km

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3.9 Amenities and Sports Facilities on Campus

- Outdoor swimming pool (x1)
- Indoor swimming pool (x1) (with tribune, semi-olympic, 25 m long)
- Basketball court (x2) (with tribune and without tribune-training ground)
- Fitness
- Sauna
- Outdoor basketball court (x2)
- Outdoor tennis court (x1)
- Small football field (x1)

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4. About TUCSA

- Turkish Constructional Steelwork Association (TUCSA) founded in 1992.
- Founding President of TUCSA Prof. Dr. Tevfik Seno Arda was invited in 1989 to participate in ECCS meetings. TUCSA became the full member of ECCS in 1992, when established.
- TUCSA established a subsidiary organisation in 2003, namely Constructional Steelwork Training and Research Centre (YAÇEM). TUCSA has 73 academic members supporting YAÇEM's achievements.
- TUCSA has organised several symposiums and conferences from 2000 internationally and nationally.



<https://tucsa.org>

<https://tucsaevents.org>



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5. Social Activities and Tour Alternatives

1. Welcome Reception
2. Conference Dinner
3. Cruise on the Bosphorus
4. Technical tours (depending on the permissions to be obtained)
5. Leisure Activities within the City
6. Post-Conference Private Travel Opportunities

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5.1 Welcome Reception

- After the date is fixed, Welcome Reception location will be determined. It may be the hotel where the most of the participants will stay.
- In normal circumstances, it is planned to organise on Monday evening considering that conference will be held on Tuesday through Thursday.

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5.1 Welcome Reception



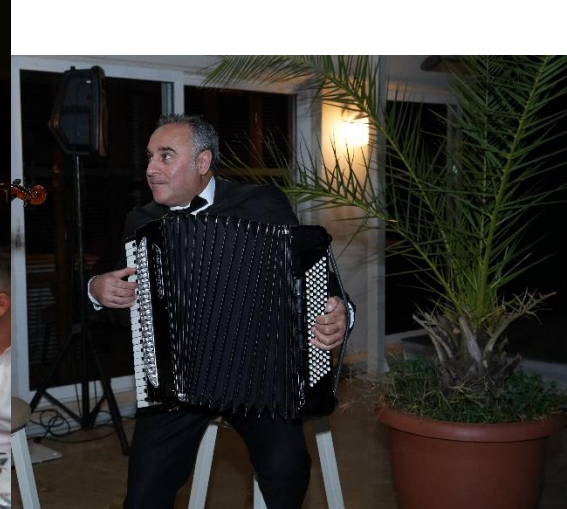
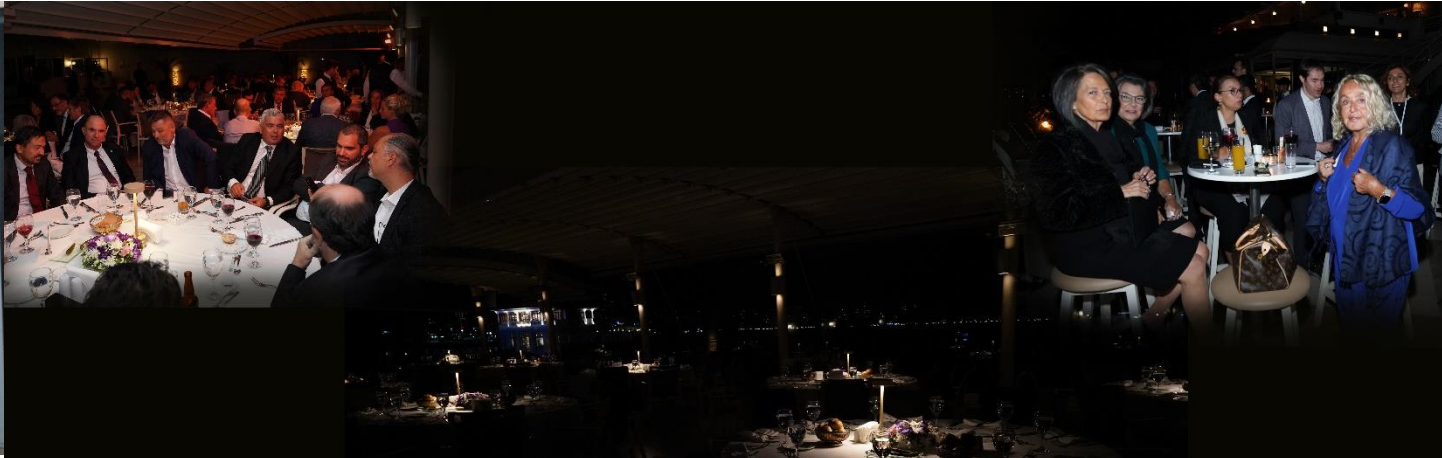
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5.2 Conference / Gala Dinner

- To the date, we organized Gala Dinners at the historical Esma Sultan Mansion (2010), historical Adile Sultan Palace (2015), Moda Deniz Club (2022) which was founded in 1935 upon the directive of Atatürk.
- After the date of the conference is fixed, Gala Dinner location will be determined, which will be another unforgettable place in Istanbul.

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5.2 Conference / Gala Dinner



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5.3 Cruise on the Bosphorus



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5.4 Technical Tours



- Steel producing mills



- Steel construction factories



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5.5 Leisure Activities within the City

- Many restaurants and activity areas nearby as well as over the shore at 6-10 km distances
- Access to port for Princess Islands at 6 km distance.
- Daily trips over the Bosphorus Strait at 19 km
- Trip to touristic Old City at 22 km.



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5.6 Post-Conference Private Travel Opportunities

- Holiday villages and boutique hotels good for swimming during September over the Mediterranean as well as Aegean Sea at 90 minutes flight
- Cappadocia's fairy chimneys for sight seeing at one hour flight
- Göbeklitepe, the World's First Temple of 12000 years age, at 2 hours flight
- And many other destinations..



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6. About Accommodation - Nearby Hotels

Some of the nearby hotels are listed below:

- Marriott by Asia (4 km)
- Residence Inn by Marriott (300 m)
- Radisson Blu, Asia (3.6 km)
- Park Inn by Radisson (4.7 km)
- Tryp by Wyndham (4 km)
- Sheraton Grand Istanbul Atasehir (5 km)
- Hilton Istanbul Kozyatağı (6 km)

Many other hotels nearby as well as other Sheraton, Hilton, Wyndham hotels at longer distances.

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7. Conference Registration Fees

	<i>Early Bird Before 1 August</i>	<i>Regular Prices Beginning on 1 August</i>
Full rate (over 35)	550 €	600 €
Young researchers and engineers (35 and under)	350 €	400 €
Bank transfer expenses	25 €	

Website and Social Media of Yeditepe University & TUCSA

<https://yeditepe.edu.tr/en>

<https://www.youtube.com/channel/UCsymrI5NRE6zUKOI5I07KGw>

<https://www.linkedin.com/school/yeditepeuni/mycompany/verification/>

<https://www.instagram.com/yeditepeuniversitesi/>

<https://twitter.com/yeditepeuni>

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<https://www.youtube.com/channel/UCYNaYt5Gd0MvCXhYQA9qGhg>

<https://www.instagram.com/tucsa>

<https://www.linkedin.com/in/tucsa-pr>

<https://www.facebook.com/tucsa1992>