

**Programme  
of the 10th Gas Engineering Fair EXPO-GAS 2019  
Kielce, 24-25 April 2019**

**24 April 2019**

- 10:00 Trade fair opening ceremony with the participation of the guests of honour – the Targi Kielce Congress Centre - OMEGA Congress hall
- 10.00 – 17.00 Exhibition open to visitors and guests
- 11.00 – 16.00** **Conference: "Energy efficiency in the gas supply chain"** - organiser: the Chamber of the Natural Gas Industry, Targi Kielce Congress Centre, DELTA Conference Room
- 11.00 **The conference opening**
- 11.05 - 11.20 **Guests' speeches**
- SESSION I. THE SESSION TITLE: Energy efficiency in gas industry**
- 11.20 - 11.40 Energy efficiency as a systemic solution - an introductory lecture
- 11.40 – 12.00 Cold recovery in LNG re-gasification installations.
- 12.00 - 13.30 Discussion panel/
- 13.30–14.30 Lunch
- SESSION II. THE SESSION TITLE: Gas transport operating costs limitation**
- 14.30 – 14:50 Heat recovery in gas transfer stations
- 14.50 – 15.10 Waste energy use in gas stations.
- 15.10 - 15.30 Gas transport costs minimization
- 15.30 - 16.00 Discussion panel
- 19.00 - 24.00** An outdoor evening for exhibitors and invited guests, The Creative Communities House, Tomasz Zieliński Palace in Kielce, 5 Zamkowa Str. / invitations holder /

**27 April 2017 (Thursday)**

- 10.00 – 16.00** Exhibition open to the public
- 10.00 - 15.00 **Technical workshop on standardization**, organiser: the Chamber of the Natural Gas Industry; Targi Kielce Congress Centre, Lambda Conference Room
- 10.00 - 10.15** Welcome speech
- 10.15 – 10.50** Presentation of the **ST-IGG-0205:2011; Natural gas quality assessment. Part 3 - Gas chromatograph for the assessment of sulphur compounds content in natural gas**
- The standard has been developed in order to systematise and harmonize the requirements, guidelines, recommendations and methods designed to determine sulphur compounds content which may be contained in natural gas and other gaseous fuels.
- The standard comprises the current standards' and norms' requirements as well as the Chamber of the Natural Gas Industry member companies' technical and analytical staff experience.
- The standard specifies the application methods scope, detailed requirements for selected methods applications, requirements for correct laboratory samples analysis and the principles regarding

process analysers locations on gas networks in sulphur compounds detection and analyses.

**Presentation of the revised ST-IGG: 2701 technical standard "Settlements of gas fuels in units of energy"**

**10.50 - 11.25**

The standard has been developed in order to unify the requirements, guidelines, recommendations and gaseous fuel settlements methods in units of energy.

The standard includes the following requirements:

- current product standards,
- current national and international regulations.

**Presentation of tje ST-IGG-2103: 2016 standard "Distribution pipelines. Technical conditions for polyethylene gas pipelines flow clamping. Requirements and recommendations'.**

**11.25 - 11.45**

**The standard presents guidelines and procedures for operation and maintenance works on active polyethylene gas pipelines - natural gas flow clamp shut-off.**

**The standard provisions were developed on the gas companies experience resulting from polyethylene gas pipelines construction and use.**

**11:45 – 12.25**

The Technical Standard incorporates the requirements contained in the applicable regulations.  
Coffee break

**12.30 - 13.00**

**Presentation of the prWT-IGG-3401 project Reinforced composite pipes made of thermoplastic materials used for hydrocarbons transporting,**

The flexible materials pipelines project presents, inter alia requirements for composite materials, general design and construction principles for pipelines made of composite materials with maximum **6.3 MPa** working pressure and the temperature range of use **-29 to 60 °C**.

**13:00 - 14:00**

**Directions for KST works - are we in the right direction?** Presentation of standardization documents in the process of development / amendment

**14:00 – 15:00**

Lunch

**14:00 - 16:00**

Individual sightseeing of stands

**19.00**

**Gala Evening – EXPO – GAS 2017** exhibition recapitulation (awarding ceremony for exhibitors) the Targi Kielce Congress Centre - OMEGA conference Hall

**20.00-24.00**

The banquet for exhibitors and guests. Targi Kielce Congress Centre - main hall (invitation holders only)

