

16th SEMINAR
„THE NEWEST TREND IN HEAT TREATMENT”
12-13 SEPTEMBER 2013 r.

11th Wednesday

Check in at the Hotel SPA MORENA

od 14⁰⁰

12th Thursday

Registration

od 8⁰⁰

Seminar Opening

8³⁰-8⁴⁰

1.	Glenn D. – Industrial Heating, US Global trends in the thermal processing in American industry	8⁴⁰-9²⁰
2.	prof. Świątnicki W., Sut M., Krasoń J., Wasiluk K., Wasik K., Skołek E., prof. Szawłowski J. – Politechnika Warszawska, dr Korecki M., Bazel M. – SECO/WARWICK Generation of the nanocrystalline structure in the steel surface layers after vacuum carburizing of isothermal quenching in vacuum furnaces HPGQ type	9²⁰-9⁵⁰
3.	prof. Małdziński L. – Politechnika Poznańska, dr Korecki M. – SECO/WARWICK Nitriding ZeroFlow[®] - technology of ammonia consumption reducing, applications' experience	9⁵⁰-10²⁰
Coffee brake		10²⁰-10⁴⁵
4.	Wachowski S. – SECO/WARWICK SECO/WARWICK software supporting processes of heat treatment	10⁴⁵-11¹⁵
5.	dr Korecki M., Bazel M. – SECO/WARWICK Low pressure carburizing (LPC) and low pressure nitriding (LPN) of fuel injection nozzles made of tool steel WCL (H11)	11¹⁵-11⁴⁰
6.	Conradsson E. – TeijoViverk AB, Sweden Flow-Jet washing for optimal nitrocarburizing and oil hardening	11⁴⁰-12²⁰
7.	Prikner O., Salabova P. – Prikner, Czech Republic Practical examples of heat treatment in vacuum furnaces	12²⁰-13⁰⁰
8.	News, summary	13⁰⁰-13³⁰
Lunch brake		13³⁰
Panels' discussion		15⁰⁰-18⁰⁰
The quality in heat treatment based on experience of the automotive industry		od 15⁰⁰
NADCAP/AMS2750E in heat treatment and brazing in aerospace		od 16⁰⁰

Banquet		19⁰⁰
13th Friday		
1.	Prof. Swadźba L., Witala B. – Politechnika Śląska Experiments in the thermal barriers' technology of air-blades with the use of CVD Silesian University of Technology pilot installation	9⁰⁰-9³⁰
2.	prof. Szkliniarz W. – Politechnika Śląska Alloys in the TiAl intermetallic chase matrix and its heat treatment	9³⁰-10⁰⁰
3.	prof. Kula P., dr inż. Januszewicz B., dr inż., Wołowiec E., dr Pietrasik R. – Politechnika Łódzka The influence of the atmosphere type on the nitride layers properties at the diffusion process's stage in the LPN processes	10⁰⁰-10³⁰
Coffee break + Check out from the Hotel SPA MORENA		10³⁰-11²⁰
4.	Talerzak J., Przygoński T. – SECO/WARWICK New furnaces CaseMaster[®] SealedQuench type and pit furnaces for advanced and energy-saving processes of gas carburizing	11²⁰-11⁵⁰
5.	Malasiński A. – Pratt&Whitney Kalisz, prof. Kula P., dr Pietrasik R., dr Pawęta S. – Politechnika Łódzka Analysis of efficiency of selected carburizing processes of the air gears' elements	11⁵⁰-12²⁰
6.	dr Piechowicz Ł., Siemiatowski D. – SECO/WARWICK Control of the aluminum coils annealing in the Vortex[®] Jet Heating SECO/WARWICK installation with the use of online simulator program	12²⁰-12⁵⁰
7.	Adamek A., Olejnik J. – SECO/WARWICK SECO/WARWICK projects 2012/2013	12⁵⁰-13²⁰
Lunch brake		13³⁰