Gépészmérnök vagy „kompozitos” hallgatót keresek

Követelmények illetve lehetőségek:

- magas szintű angol nyelvtudás (külföldi partnerekkel való tárgyalásokhoz, levelezésekhez, prezentációk készítéséhez)
- motivációja legyen a kompozit szigetelők megismeréséhez
- gyakorlati tapasztalatot szerezhet a várhatóan nyár elején beinduló Közel Keleti kompozit szigetelő projektben
- lehetőséget kap a belföldi és külföldi kutatások, fejlesztési eredmények megismerésében

Amit nyújtani tudunk:

A fent említett Közel Keleti projekt sikeres munkavégzése után lehetősége nyílik új termékek fejlesztésére.

ENERGO S.T. 12 éve működő, jelenleg 4 fős cég Szaplonczay Pál vezetésével. Aki koránál fogva megfelelő utódját keresi.

Amennyiben felkeltette ez az ajánlat az érdeklődését, küldje önéletrajzát a mr.paul@energost.hu
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Pál Szaplonczay, ENERGO S.T. kfc

Manager, Polymer Chemist, Composite specialist

His activities are concentrated on the research and development of insulating materials for high voltage industry such as filled reactive resins and later on he was active in realizations of production technologies and processing machinery for glass-fiber reinforced composite insulators with silicone housing. Due to the success of his developments he became the founding director of FCI Furukawa Budapest for 15 years.

Between 1970 and 2008 he elaborated 18 patents together with his interdisciplinary development team and with the use of those patents he managed with his team the realization of 16 overwhelmingly European factories. His latest invention is ’Process and Equipment for Producing Composite Core with Thermoplastic Matrix for Recyclable and Thermally Stable Electrical Transmission Line Conductor’ which applies as first in the world thermoplastic matrix and pulltrusion technology for the impregnation of carbon fibers for such purpose.

Reference composite insulator factories realized under the supervision of Mr. Szaplonczay:

No.	End user	Date	Products	Capacity (insulator ton/year):
1.	VKI, Budapest Epoxy processing plant (Pilot plant for research)	1973	Out- and indoor epoxy insulators for medium and high voltage	2-5
2.	VKI, Budapest Glass fiber reinforced prepreg plant (Pilot plant for research)	1974	Unidirectional reinforced prepreg ribbon for the electrical motors	6-10
3.	VSZM Factory for Electriacl Insulators and plastics Budapest Hungary	1977-78	Medium voltage epoxy resin post and bushing insulators	30-40
4.	EJF/Brno I. shop Czech Republic	1980-81	epoxy resin insulators for medium voltage switches	50-70
5.	TAURUS, Glass Fiber reinforced pre-preg plant Szeged Hungary	1981-82	pre-preg ribbon for reinforcing rubber pipeline for undersea oil mining industry	14-18
6.	Electroputere, Crajova Romania	1984-85	Medium voltage epoxy resin post and bushing insulators	40-60
7.	EJF/ABB Brno II. shop Czech Republic	1986-87	specific insulators for SF6 switches	80-140
8.	KAWN Tolbuchin Bulgaria	1987-88	epoxy resin insulators for medium voltage switches	90-140
9.	I. BBC/ABB Baden Switzerland II. Cellpack Vohlen Switzerland	1987-88	silicone composite hollow-type insulators for SF6 current and voltage transformers	14-18
10.	ELMONT Kielce Poland	1988-90	special epoxy resin block and bushing insulators	80-140
11.	MARINELLI, Italy	1989-90	composite insulators for railway	40-60
12.	FURUKAWA Electric Institute of Technology (FETI) Pilot plant Budapest Hungary	1991	70-500 kV silicone composite insulators as Inter Phase Spacers,	4-5
13.	Isovill/Iso-Net Debrecen Hungary	1992	Out- and indoor epoxy insulator 10kV-66kV	150
14.	FCI Composite Insulator Factory Budapest Hungary	1994	Composite insulators for HV overhead transmission lines (long rod, post and inter phase spacer)	160-180

15.	Composite Insulator Factory Furukawa Nikko, Japan	1995	Composite insulators Inter Phase Spacers	40-60
16.	Composite Insulator Factory Istanbul Turkey	2007	24-400kV silicone composite insulator	60-80
17.	Composite Insulator Factory Poland	2008	24-400kV silicone long rod, station post and hollow-type	50-60
18.	Composite Hollow-type Insulator pilot plant HÜBERS Germany	2009	different types of silicone composite hollow-type insulators	4-6
19.	HTV & LSR Composite Insulator Factory Tallinn Estonia	2012-14	different types of silicone composite long rod, hollow type and post insulators	500

Realized Patents of Mr Szaplonczay's research team:

No.	Patent No.	Beginning date	Title
1.	H 155.737	25.09.1968	Processing for the production of epoxy resin based insulation
2.	H 173.408	28.10.1978	Processing and equipment for the production of electrically insulating structures
3.	H 177.783	28.05.1981	Procedure and equipment for the production of structures reinforced by prestressed parallel fibers
4.	H 178.801	28.09.1981	Molding machine to process mixtures of reactive resin and filler
5.	H 181.988	28.12.1982	Equipment to produce mixtures of reactive resin and filler -VIMIX trademark
6.	D 216.325	22.03.1983	Verfahren zur Bestimmung des Glasfaseranteiles in glasfaserverstärkten Kunststoffen - Method of determining the galssfiber content of
7.	H 194.293	17.05.1985	Processing and equipment to produce hollow type outdoor composite insulators out of liquid silicone elastomer+ VISIL trademark
8.	CH 671.301	15.08.1989	same as No.7.
9.	USA 4.897.027	30.01.1990	same as No.7.

10.	D 247.986		same as No.7.
11.	H 209.476	30.10.1987	Procedure for producing moulds with plastic alloy
12.	H 199.091	28.04.1988	Procedure for thermoplastic glass reinforced laminated sheets
13.	H 203.610	08.07.1989	High pressure hermetic penetration insulator for nuclear power industry
14.	H 488.687	1993	Mould to produce plastic parts
15.	H 980.165	23.09.1994	Equipment for taking flexible products out of moulds
16.	H P930.2886	20.05.1995	great strength arrester
17.	H P0800256 PCT/HU2009/000037	24.04.2008 29.11.2009	Process and equipment for producing composite core with thermoplastic matrix for recyclable and thermally stable electrical transmission line conductor