

INTERNAL RELATIONS

2012 - The 75th anniversary year of the Slovak University of Technology

Awards in 2012

07/2012 - Dr. Rudolfo Ortiz, Minister of the Higher Education of the Cuban Republic and Professor Dr. Andres Alegria, His Magnificence and Rector of Universidad Central Marta Abreu de las Villas/Cuba conferred a decree to enable **Professor Oliver Moravčík**, STU MTF Dean to act as a visiting Professor at the Universidad Central Marta Abreu de las Villas/Cuba to. The decree was granted by Professor Dr. Angelo Rodriguez, Dean of the Faculty of Mechanical Engineering, Universidad Central Marta Abreu de las Villas/Cuba.

11/2012 – Award and diploma for the best presentation from the “Centres of Excellence” in 2012, the highest award of the “Week of Science and Technology in Slovakia in 2012”.

12/2012 – Professor of the year in STU MTF 2012 is awarded to Professor Velíšek. His Magnificence Robert Redhammer, STU Rector bestowed the highest award of the Slovak University of Technology "Professor of the year 2012" to **Professor Karol Velíšek**, Director of the STU MTF Institute of Production Systems and Applied Mechanics for his year-long activity in the field of international co-operation and grant achievements. In 2012, Professor Velíšek was also awarded a title of Prof.h.c. by the Technical University in Cluj-Napoca/Romania.

12/2012 - **Professor Jozef Janovec** became the STU MTF **Scientist of the Year 2012**. Professor Janovec and his team investigate complex metal with the properties different from those of conventional metal alloys.

12/2012 – During the **25th anniversary of the Faculty**, the MTF management awarded the employees who contributed to the Faculty development since its establishment. Dean Prof. Moravčík, Vice-Dean Assoc. Prof. Vidová and Assoc. Prof. Bílik, chair of the Staff Board, thanked the awardees for their year-long work.

MTF employees working 25 years for STU:

- Mária Klobušiaková
- Ing. Marta Kučerová, PhD.
- Emília Minarčíková
- Štefánia Vitteková
- Bc. Beáta Vrbovská
- Ing. Jozef Charbula
- Igor Krčmárik
- Ján Kubovič
- Jozef Ölvecký
- Ing. Vladimír Púčik
- Prof. Dr. Ing. Jozef Peterka
- Assoc. Prof. Ing. Peter Schreiber, CSc.

01/2013 New Year meeting:

At the 75th anniversary of STU, the STU Rector awarded the “**Commemoration Letter of Tree of Knowledge**” to the following STU MTF Professors: Karol Balog, Ivan Baránek, Dušan Baran, Peter Grgáč, Alexander Čaus, Jozef Janovec, Peter Juči, Ján Lokaj, Oliver Moravčík, Milan Marônek, Milan Ožvold, Jozef Peterka, Jozef Sablik, Peter Sakál, Peter Šugár, Milan Turňa, Koloman Ulrich, Miroslav Urban and Karol Velíšek.

Dean’s Awards for 2012:

The best dissertation thesis

Ing. **Tomáš Škulavík**, PhD. (*Institute of Applied Informatics, Automation and Mathematics*): Fuzzy control of a robotic arm

Ing. **Ivona Černičková**, PhD. (*Institute of Materials*): Study into the structure and phase equilibrium in the aluminium complex metal alloys

Ing. **Jana Samáková**, PhD. (*Institute of Industrial Engineering, Management and Quality*): Proposal for a methodology of controlling project communication as a tool of increasing the project quality of industrial companies in Slovakia

Ing. **Marek Zvončan**, PhD. (*Institute of Production Technologies*): Research on edgechipping in rotary ultrasonic machining.

The best project team

Research team under the supervision of Prof. RNDr. Milan Ožvold, CSc. consisting of Prof. RNDr. Milan Ožvold, CSc., Ing. Lýdia Rízeková-Trnaková, Ing. Marián Drienovský, PhD., Prof. Ing. Milan Turňa, PhD., Prof. Ing. Jozef Janovec, DrSc. and Prof. Ing. Ján Lokaj, CSc.

The best publication of MTF STU

The best publication issued in a renowned journal with an impact factor of 2.289:

Assoc. Prof. Ing. Martin Kusý, PhD (UMAT) – RNDr. Mária Behúlová, PhD (UVSM) – Prof. Ing. Peter Grgáč, PhD (*Institute of Materials*): Influence of the thermal history of a particle during atomisation on the morphology of carbides in a hypereutectic iron based alloy. In: Journal of Alloys and Compounds. - ISSN 0925-8388. - Vol. 536 (2012), pp. 541-545

The contribution is registered in the following databases: Web of Science, Master Journal List and Scopus.

The best co-operation with practice

The Faculty management awarded Assoc. Prof. Ing. Ľubomír Čaplovič, PhD (*Institute of Materials*) for the best results achieved in co-operation with practice.

Awards of other entities:

The First Welding Society, a.s. Bratislava awarded an STU MTF student for the best dissertation thesis in the field of welding in 2012: Ing. Miroslav **Sahul**, PhD. (*Institute of Production Technologies*): Welding selected dissimilar steels by laser.

Orange Slovakia, a.s. Bratislava awarded the following STU MTF employees in 2012:
 For publications in the field of applied informatics and automation:
 Assoc.Prof. Ing. Pavol **Vážan**, PhD. (*Institute of Applied Informatics, Automation and Mathematics*)

For successful project activities in the field of applied informatics and automation:
 Ing. Tomáša **Bezáka**, PhD (*Institute of Applied Informatics, Automation and Mathematics*)

IGIP (Austria)

IGIP Award (Austria) for 2012 was granted to Prof. Dr. Ing. Oliver **Moravčík**, Faculty Dean.

Activities of the Public Relations Division in 2012

- providing a virtual sightseeing tour of STU MTF
- providing English translations of key parts of the Faculty website
- providing a monthly schedule of the Faculty events
- promotion materials
- innovation of poster exhibition
- implementation of the STU and MTF logo redesign
- responsibility for updating the Faculty website, monitoring the news about MTF in the media
- updating the Faculty photo gallery
- establishment of the Technology Museum
- activities related to promotion of the Faculty in the media
- organisation of exhibitions at the International Engineering Fair in Brno/Czech Republic, Exhibition of Centres of Excellence in Bratislava, exhibition of photographs at STU MTF
- organisation of the regular Thursday afternoon meetings
- activity for the civic association Bank of Quality - Alumni MTF
- production of invitations, business cards and posters
- regular announcements in print media (Spektrum, Trnavský hlas, Novinky z radnice, Produktivita a inovácie)
- video recordings of events
- preparing Faculty events (New Year Meeting, MTF Day, St. Nicolas Day, International Children Day)
- preparing data for the documentary "Spectrum of Science"
- formatting and redesigning the website of the Public Relations division (including presentation map)

List of the most important Faculty events in 2012

| MONTH | DATE | EVENT |
|---------|------------------|--|
| | 01/01/2012 | Establishment of new workplaces: The Department of Humanities and Social Sciences and the Department of Engineering Pedagogy |
| January | 18/01/2012 | Visit of His Magnificence, Rector of University of Trnava, Prof. Marek Šmid |
| | 19/01/2012 | New Year Meeting |
| | 26/01/2012 | Open Day |
| | 30/01-03/02/2012 | Week of Doctoral Students |

| | | |
|----------|-----------------|---|
| February | 01/02/2012 | New logo of STU MTF |
| | 08-10/2/2012 | Final conference of the Autoclusters project |
| | 10/02/2012 | Establishment of a research centre at the Institute of Safety and Environmental Engineering |
| | 15/02/2012 | Open Day at a detached workplace in Komárno |
| | 17/02/2012 | Dies Iovi Occurssus |
| | 20/02/2012 | Introduction of TelePresence web |
| | 27/02/2012 | Questionnaire on the topic of MTF employee satisfaction |
| | 27/02/2012 | Meeting with Bauer Gear Motor GmbH |
| | 28/02/2012 | Productivity and innovation - MTF presentation |
| | | |
| | 01/03/2012 | "Webometrics Ranking of World Universities" – STU in the first 500th |
| March | 06/03/2012 | Presentation on "Production systems in Volkswagen Slovakia" |
| | 07/03/2012 | Presentation by MP Montex s r.o. |
| | 10-11/03/2012 | 38 th year of the Grand Prix of swimming in Trnava |
| | 22/03/2012 | Dies Iovi Occurssus |
| | 27/03/2012 | Presentation by ESCAD Slovakia s r.o. |
| | 27/03/2012 | Discussion: Meetings with practice |
| | 28/03/2012 | Presentation by Johnson Controls Trenčín, s r.o. |
| | 29/03/2012 | Student Research Conference |
| | 30/03/2012 | MTF Day |
| | | |
| April | 02/04/2012 | Opening a joint workplace of STU MTF and the Institute of Materials and Machine Mechanics, Slovak Academy of Sciences |
| | 03/04/2012 | Seminar delivered by ESAB, Electric Welding Limited company, Sweden |
| | 12/04/2012 | Dies Iovi Occurssus |
| | 17 - 18/04/2012 | STU Rector's Cup |
| | 25/04/2012 | Presentation delivered by TRW Automotive s r.o, Slovakia |
| | 26 - 27/04/2012 | "Production and defects of toothwheels and gears" Conference |
| | | |
| May | 03/05/2012 | Dies Iovi Occurssus |
| | 04/05/2012 | Day of the Institute of Industrial Engineering, Management and Quality |
| | 10/05/2012 | Workshop entitled "Progressive methods and technologies of preparing, processing and diagnosing materials" |
| | 20 - 22/05/2012 | International Doctoral Seminar 2012 |
| | 23 - 25/05/2012 | A series of presentations delivered by Prof. Stanislav Karapetrovič, |

| | | |
|-----------|--------------------|---|
| | | PhD, PEng. of University in Alberta (Canada) on "Quality and evaluation of university teachers and teaching in Canada" |
| | 24/05/2012 | IV th Pedagogy Conference |
| | | |
| June | 01/06/2012 | Presentation delivered by TRUMP Co. |
| | 01/06/2012 | Deadline for Master's study applications |
| | 02/06/2012 | International Children Day in MTF |
| | 04 - 08/06/2012 | 3 rd series of lectures delivered by Prof. Klaus Wetzig of IFW Dresden |
| | | |
| | 22/06/2012 | Teachers Cup |
| | 25/06/2012 | Professor Dr. Ing. habil. Jürgen Eckert from the partner research institute IFW Dresden is awarded the title of Doctor honoris causa |
| | 25/06/2012 | 75th Anniversary celebration of the STU establishment |
| | 27/06/2012 | Approval of the strategic document "A long-term plan for the period of 2012 – 2017" |
| | 28/06/2012 | Agreement of co-operation between Kalashnikov Izhevsk Technical University and STU MTF |
| | 29/06/2012 | Virtual sightseeing of STU MTF "goes live" on the website |
| | 29/06/2012 | On behalf of STU Professor Redhammer, STU Rector, Professor Moravčík, Faculty Dean, granted a high university award, "Plaque of STU" to Professor Gyula Patkóo, Rector of University of Miskolc |
| | 29/06/2012 | Graduation ceremony of Master's study graduates |
| | | |
| July | 02 - 06/07/2012 | Graduation ceremony of Master's study graduates |
| | 04/07/2012 | Professor Moravčík acquired a position of a visiting professor at Universidad Central Marta Abreu de las Villas/Cuba |
| | 07/07/2012 | Annual meeting of Associated Phase Diagram and Thermodynamics Committee |
| | 27/07/2012 | Visit from top representatives of CARL ZEISS/SRN Poland, Czech Republic and Slovakia, Dr. Andreas Mohr, Ing. Karl Tillinger, Ing. Marián Stažovský and Ing. Tomáš Šimo |
| | 27/07/2012 | Visit of His Excellency Vladimír Serpikov, Ambassador of the Republic of Belarus |
| | | |
| August | 31/08/2012 | Closure of the department of Engineering Pedagogy |
| | | |
| September | 04/09/2012 | Summer university of secondary school students at STU MTF |
| | 05 - 08/09/2012 | Forming 2012 conference |
| | 10 - 14/09/2012 | MTF exhibition at the International Engineering Fair in Brno |
| | 24/09 - 22/12/2012 | Teaching period for winter semester of the academic year 2012/2013 |
| | | |

| | | |
|----------|------------------------|--|
| October | 04/10/2012 | Regional power sources – presence and future (scientific conference) |
| | 09 - 11/10/2012 | Akadémia & Vapac Fair, Bratislava |
| | 11 - 12/10/2012 | COMATTECH 2012 conference |
| | 18/10/2012 | Presentation by representatives of Lenovo Co. |
| | 22/10/2012 | Dialogues with practice, Ing. Peter Čirka |
| | 24/10/2012 | Presentation delivered by Jaroslav Kuracina (JCI Slovensko) |
| | 25/10 - 02/11/2012 | Exposition of photographs "Behind the Faculty gate" in Max Trnava supermarket |
| | 30/10 - 02/11/2012 | Gaudeamus Brno 2012 |
| November | 06,11,13,20,27/11/2012 | Live discussion with the management about development of the Faculty shown on regional TV |
| | 06/11/2012 | Immatriculations |
| | 07 - 11/11/2012 | Presentation of STU MTF at the exposition of "Centres of Excellence" within the Week of Science and Technology in Slovakia 2012 |
| | 08/11/2012 | Dies Iovi Occursus |
| | 15 - 16/11/2012 | 7th Seminar for Central European PhD Students - Research in Materials Science |
| | 15/11/2012 | Agreement of co-operation between the Education Institute of Gomel State University and STU MTF |
| | 16/11/2012 | Lecture delivered by Ladislav Kossár |
| | 28 - 30/11/2012 | CECOL 2012 |
| December | 01/12/2012 | St.Nicholas Day for children of STU MTF employees |
| | 04/12/2012 | Information seminar by SAIA |
| | 04/12/2012 | Live discussion with the management about development of the Faculty shown on regional TV |
| | 05/12/2012 | Results published of ARRA evaluation –STU MTF ranked in 6 th position among technical faculties in SR |
| | 06/12/2012 | Christmas bazaar |
| | 07/12/2012 | Christmas concert of VUS Technik STU in Bratislava |
| | 10/12/2012 | Granting of the title Dr.h.c., the highest university award, to Professor Norge Isaias Coello Machado of the partnering Universidad Central Martha Abreu de las Villas - Santa Clara/Cuba. |
| | 11/12/2012 | 25 th anniversary of the STU MTF establishment |
| | 11/12/2012 | 25 th anniversary event of the STU MTF establishment including awards to employees |
| | 13/12/2012 | Professor of the Year – Prof. h.c.Prof.Ing. Karol Velíšek, PhD. of STU MTF |
| | 13/12/2012 | Scientist of the Year – Prof. Ing. Jozef Janovec, DrSc. Z MTF STU |
| | 18/12/2012 | Concert of "Technik" ensemble at the Christmas market, a gift of STU |

Editorial activities in 2012

- editorial activities in the field of electronic textbooks, scientific monographs, MTF journals and proceedings
- processing of Faculty journals in Versita system (journals are indexed in the following databases: **RePeC , Astrophysics Data System , INSPEC and TEMA**)
- amending the statute of editorial activities, including the administration of anonymous reviewing
- update and administration of the portal publishing at MTF STU
- English translation of journal research papers
- mapping the publication space of STU MTF on Pearson and Cengage Publishing Houses websites
- implementation of custom publishing processes at MTF
- provision of updates to the Slovak language section of the Faculty website
- format and modification to MTF STU webpage of AlumniPress Publishing House

The aim of editorial activity at MTF STU is to secure the fast transfer of results of research knowledge development and education into syllabi via publications, and to enable access of students to new knowledge and improve the teaching process.

Editorial activity has an important role, especially from the perspective of publication activities of Faculty authors, and it has significant importance for the Faculty.

In 2012 a new portal for publishing was initialised at the Faculty.

Number of published publications at MTF STU in 2012

| | | |
|------------|-----------|---------|
| Monographs | Textbooks | Scripts |
| 17 | 1 | 13 |

Periodical publications of MTF STU in 2011

| Title of journal | Number of volumes | Number of contributions |
|---|--------------------------|--------------------------------|
| Journal research papers | 1 | 4 |
| Journal, Materials Science and Technology | 2 | 9 |
| Books of contributions | 9 | |

Social Programmes for Employees of the Faculty of Materials Science and Technology

MTF STU creates the following conditions of social policy for employees according to their rights defined in legislation. The management of MTF STU is interested in employee opinions. Every year a survey is prepared to obtain feedback as a tool to decide about future changes. The Faculty management discusses the results of the survey (which are available for the public) and new measurements are created on the basis of the satisfaction survey.

Photo – meeting (Visit of students of the 3rd Age University)

Photo – Christmas bazaar

Photo –MTF Day

Events financed from the social fund:

- Concert for STU MTF employees and stakeholders at the New Year's Meeting

- Concert at the occasion of the Day of STU MTF
- Pre-Christmas party for children of the STU MTF employees
- Concert of VUS Technik ansamble

Photo z každej akcie

Employee board of MTF STU

The employee board of MTF STU was established at the Faculty after elections in June 2009 for the period of four years. It represents the interests of all employees in accordance with valid labour codes and the collective labour agreement.

The representatives on the employee board of MTF STU took part in all meetings of the Faculty management, the collegium of the dean, in meetings of UOO STU in Bratislava and in job interviews for pedagogical positions during the year. The board participated in the schedule creation for use of the gymnasium and swimming pool with employees of MTF STU and the preparation of the canteen menu; it took part as well in a petition organised with the union of employees of the school system and research in connection with creation of new labour codes.

The employee board of MTF STU:

- o discussed all materials dealing with holiday planning, collective holidays, a directive of the dean regarding application for social fund resources and others
- o discussed all applications for prolonging employment, termination of working relationships because of redundancy after the implementation of the automatic call centre
- o approved grants from the social fund in agreement with the union contract of the year 2012
- o participated in evaluation of adherence to the collective labour agreement terms as well as preparation of a new collective labour agreement for 2012 in the form of comments to a draft and completion of the draft
- o submitted ideas of Faculty employees for solving problems on particular panels.

The Faculty management and the Academic Senate approved the following documents in 2012:

- **Code of Ethics of an STU MTF employee and Code of Ethics of an STU MTF student.**

Security system

Status in the area of work accident risks, illnesses caused by work, dangerous events and dangerous industrial accidents:

Status of working conditions (following the rules):

- creation of a new directive by the dean No. 8/2008 on "Work and workplaces which are forbidden to pregnant women and mothers to the end of the ninth month after giving birth, and breastfeeding women,"
- the categorisation of work from the perspective of health risks.

Personnel and protection of working appliances:

- the list of working activities
- the report on the state of technical equipment and control, revision and repair

Areas for the training of Work Safety and Health Protection employees and creation of rules:

- admission training – 60 employees
- periodical training of employees - 167 employees
- training of management - 20 employees
- the induction information for students during the enrolment process
- training of employees to provide first aid – 21 employees.

Alumni



On 19.3.2011 the civil association Bank of Quality – Alumni MTF STU was established. This association creates space and conditions for Faculty communication with former graduates.

Activities of Alumni in 2012:

- meeting of the general assembly of the association
- English translation of the association website
- electronic journal Alumni Magazin of the association established
- newsletter sent to the registered members of the association
- lecture delivered on the topic of "Advanced Software Testing " in co-operation with UIAM (10/2012)
- reunion of the graduates at UPMK

By making a contribution to this account number, you can support the activity of the “Civic Association of graduates and friends of STU MTF Bank of Quality – Alumni MTF STU “