



INTERNATIONAL ASSOCIATION  
FOR COMMODITY SCIENCE  
AND TECHNOLOGY

جمعية علم البضائع  
والتكنولوجيا

ASSOCIATION INTERNATIONALE DE  
LA SCIENCE DES MARCHANDISES

国际商品学会

ASSOCIAZIONE INTERNAZIONALE  
DI MERCEOLOGIA

אגודה בינלאומית לכלכלה  
והטכנולוגיה

INTERNATIONALE VERENIGING VOOR  
WARENKUNDE EN TECHNOLOGIE

国际商品学会

MIEDZYNARODOWE TOWARZYSTWO  
TOWAROZNAWCZE

جمعية علم البضائع  
والتكنولوجيا

ASSOCIAÇÃO INTERNACIONAL  
DE MERCEOLOGIA

МЕЖДУНАРОДНОЕ ОБЩЕСТВО  
ТОВАРОВЕДЕНИЯ

ASOCIACION INTERNACIONAL  
DE MERCEOLOGIA

INTERNACIONAL ASOCIAÇÃO DE  
MERCADOLOGIA E TECNOLOGIA

# C I R C U L A R E

INTERNATIONAL SOCIETY OF COMMODITY  
SCIENCE AND TECHNOLOGY

INTERNATIONALE GESELLSCHAFT FÜR  
WARENWISSENSCHAFTEN UND TECHNOLOGIE



## INVITATION TO THE 20<sup>TH</sup> IGWT SYMPOSIUM SEPTEMBER 12<sup>TH</sup> – 16<sup>TH</sup> 2016 IN VARNA COMMODITY SCIENCE IN A CHANGING WORLD

Ladies and Gentlemen,  
Dear Friends,

It is already 20th time we will have an opportunity to meet during the IGWT Symposium. The upcoming session will be hosted by University of Economics - Varna, the second university and the first pillar of academic economic thought in Bulgaria.

The roots trace of University of Economics-Varna dated back in 1911 when the Varna Chamber of Commerce and Industry management started planning the establishment of the Higher School of Commerce, whose launch was voted on the 14 May 1920 at the Chamber's 25th session. Through its 95 year history the Alma Mater

of Varna has changed its name a number of times. In 1990 the higher school was renamed Varna University of Economics, following a decision of its Academic Council, confirmed by National Parliament decision in 1995. Currently the Commodity science department is one of the fifth departments, fully-fledged at the Faculty of economics in the University of Economics-Varna.

The Commodity Science Department was established in 1948 simultaneously with the creation of specialty "Commodity Science". The first rector of the Higher School of Commerce - Professor Tsani Kalyandzhiev was the first Professor of Commodity Science in Bulgaria. Already 65 years the Commodity Science Department is the only national center for training specialists with higher education in the field of quality and expertise of goods.

You are cordially invited to take part in that most significant scientific event within the realm of quality in commodity science held biannually. You are kindly invited and welcome to participate in the panel and discussions as well as to enjoy the ambience of Varna, the Summer capital of Bulgaria.

As a host of the 20th IGWT Symposium, it is my pleasure to invite you on this special occasion to Bulgaria, during September 12th-16th 2016.

*We are looking forward to meet you here in Varna.*

*Sincerely yours,  
Assoc. prof. Sabka Pashova, PhD  
President of the Organizing Committee*

For details, please visit <http://igwt2016.ue-varna.bg/>



**MINUTES OF THE GENERAL ASSEMBLY OF IGWT  
AT THE 19TH IGWT SYMPOSIUM  
CRACOW UNIVERSITY OF ECONOMICS, 18<sup>TH</sup> SEPT 2014**

AGENDA

1. Opening / accounting the votes
2. Approbation of the Agenda
3. Approbation of the minutes of the last general assembly in Rome, 27<sup>th</sup> September 2012
4. Report of the President
5. Report on the 19<sup>th</sup> IGWT Symposium in Cracow
6. Changes within the Statutes of IGWT
7. Home Page of IGWT
8. Report of the Treasurer
9. Report of the Auditor
10. Discharge of the authorities and the managing boards
11. Election of the new authorities and the new managing boards
12. Outlook on the 20<sup>th</sup> IGWT and 21<sup>st</sup> Symposium
13. Miscellaneous

TOP 1 - 5: OPENING / ACCOUNTING THE VOTES/APPROBATION OF THE AGENDA AND MINUTES OF THE LAST ASSEMBLY, REPORTS OF THE PRESIDENT/VICE PRESIDENTS

President Prof. Maria Claudia Lucchetti welcomes the Executive Board and the country delegates of the IGWT stating the due convening. Prof. Zenon Foltynowicz moderates the assembly.

With reference to §10 and § 12 of the charter, and after discussion on the number of Korean Society votes, the total number of votes was counted (27 votes – Appendix 1).

The motions for the approval of the agenda for the 19<sup>th</sup> general assembly and of the minutes of the 18<sup>th</sup> General Assembly in Roma, Italy 27<sup>th</sup> Sept 2012 are passed unanimously.

Professor Lucchetti reports on the activities during her presidency. She outlined her attempt to organise an expert system of IGWT members. It hasn't brought expected results yet but she expressed the hope that it is still worth of attention.

The Pre-President Professor Andrzej Chochol thanks the IGWT members for the engaged participation in the present 19<sup>th</sup> symposium on the topic "Commodity Science in Research and Practice. Current Achievements and Future Challenges". The symposium brought together 180 academics, researchers and experts from 15 countries all over the world. He declared his help in organizing the next Symposium and the transfer of the IGWT website to a Polish domain in order to amend and restyle it.

## TOP 6: CHANGES WITHIN THE STATUTES OF IGWT

Susanne Gruber informs about following changes:

- New address of the secretariat in Vienna:

**Wirtschaftsuniversität Wien / Vienna University of Economics and Business**

Welthandelsplatz 1, A-1020 Wien AUSTRIA

Tel. +43 1 313 36 4809 Fax. +43 1 313 36 90 4809

E-mail: [gvogel@wu.ac.at](mailto:gvogel@wu.ac.at)

Home page: <http://www.wu.ac.at/>

- New § 14 4 SPECIAL RESPONSIBILITIES OF THE VARIOUS MEMBERS OF THE EXECUTIVE BOARD

*If the position of an Executive Board member becomes vacant due to death or voluntary resignation, or if an Executive Board member is prevented from performing his or her duties in accordance with the Charter, this member **shall be replaced by cooptation** in case of death or voluntary resignation until a new member is elected at the next ordinary General Assembly meeting, and in case of prevention until prevention has ceased, but at any rate no longer than until the prevented member's term of office expires or until a new member is elected at the next ordinary General Assembly meeting*

The assembly approved the proposed changes.

## TOP 7: HOME PAGE OF IGWT

The IGWT homepage will be transferred to a Polish domain.

## TOP 8: REPORT OF THE TREASURER

Susanne Gruber, authorized by the treasurer Eva Waginger, gives the account on the finances of the IGWT (see Appendix 2). She states that membership fees are mainly used to subsidize the biennial symposia.

The financial position of the IGWT is quite stable, fluctuation due to subsidising the biannual symposia. The 19<sup>th</sup> symposium was sponsored with 5000 €.

However, the treasurer requests the reports on the number of members in the national societies and the corresponding balancing of outstanding membership fees.

## TOP 9-10: REPORT FROM THE AUDITOR AND DISCHARGE OF THE MANAGING BOARDS AND THE MANAGING BOARDS

Replacing Prof. Alber, Dr. Susanne Gruber has been nominated as second auditor. She and the second auditor, Prof. Foltynowicz, confirm that they have examined the accounts and found them correct.

Their motion to discharge the treasurer and the deputy, the auditors and the executive board of the IGWT is passed unanimously.

## TOP 9 - 11: ELECTIONS OF THE EXECUTIVE BOARD AND AUDITORS

The assembly passes the following proposal for the election of the members of the executive board and the auditors unanimously.

The results of the votes are:

**Election of the members of the executive board and the auditors**

PRESIDENT	Chochol Andrzej	POLAND
VICE PRESIDENTS		
PRE - PRESIDENT	Pashova Sabka	BULGARIA
Acting Vice President	Vogel Gerhard	AUSTRIA
3. Vice President	Luchcetti Maria Claudia	ITALY
4. Vice President	Pamfilie Rodica	ROMANIA
5. Vice President	Kim Dae Ki	KOREA
6. Vice President	Prytulaska Natalia	UKRAINA
EXECUTIVE COMMITTEE		
DELEGATES FROM THE NATIONAL ASSOCIATIONS		
	Ivanova Daniela	BULGARIA
	Seifert Eberhard	GERMANY
	Löbber Reinhard	GERMANY
	Lagioia Giovanni	ITALY
	D'Ascenzo Fabrizio	ITALY
	Beltramo Riccardo	ITALY
	Roberta Salomone	ITALY
	Jong Soon Kim	KOREA
	Dong Han Yoon	KOREA
	Ki Chan Kim	KOREA
	Kedzior Wladyslaw	POLAND
	Zuchowski Jerzy	POLAND
	Onete Cristian Bogdan	ROMANIA
	Eliseeva Ludmila	RUSSIA
	Radonjic Gregor	SLOVENIA
	Viktor Osyka	UKRAINE
SECRETARY GENERAL	Salerno-Kochan Renata	POLAND
VICE-SECRETARY GENERAL	Waginger Eva	AUSTRIA
TREASURER	Gruber Susanne	AUSTRIA
VICE TREASURER	Karkalikova Marta	SLOVAKIA
AUDITORS	Foltynowicz Zenon	POLAND
	Nicoletti Giuseppe Martino	ITALY
HONORARY MEMBERS		
	Hölzl Josef	AUSTRIA
	Wagner Ingrid	AUSTRIA
	Otto Günther	GERMANY
	Grundke Günter	GERMANY
	Calabró Giuseppe	ITALY

Chiaccierini Ernesto	ITALY
Hahn Hi-Yong	KOREA
Lee Yong Hak	KOREA
Dong Ki Kim	KOREA
Koziol Jacek	POLAND
Korzeniowski Andrzej	POLAND
Duda Ignacy	POLAND
Dima Dimitru	ROMANIA
Musil Vojko	SLOVENIA
Fink Paul	SWITZERLAND
Pugachevskyi Gryhorii	UKRAINE
Mazaraki Anatolii	UKRAINE

CORRESPONDING MEMBERS	Adamczyk Waclaw	POLAND
	Josef Rusewiz	LITHUANA
	Maleka Fedor	MOLDAVIA
	Mitsuhara Mitsui	JAPAN

Prof. Andrzej Chochol thanks the assembly for being elected for President.

#### TOP 12: OUTLOOK ON THE 19<sup>TH</sup> AND 20<sup>TH</sup> IGWT SYMPOSIUM

On behalf of dr. Sabka Pashova and all Bulgarian delegation dr. Daniela Ivanova invites the assembled members for the next conference in Varna and to support organizing this 20<sup>th</sup> Symposium. Plans for next symposia are discussed (Ukraina).

#### TOP 13: MISCELLANEOUS

The assembly discussed on the meaning of the term "Commodity Science" and on the change of the IGWT name. The reduction of the fee for symposia for participants from less wealthy countries was proposed.

The KAST president Kim Dae Ki invites to submit papers to the Korean Journal of Commodity Science & Technology.

*Prof. Dr. Renata Salerno-Kochan and Dr. Eva Waginger*  
for the minutes

## APPENDIX 1: SURVEY ON VOTES

<b>VOTES AT GA CRACOW 2014</b>			
<b>State</b>	<b>Paying Members</b>	<b>Add. Votes</b>	<b>Total 2014</b>
Austria	25	1	2
Bulgaria	12	1	2
Germany	60	2	3
Korea	100?		2
Israel	1	0	1
Italy	193	3	4
Lithuania	3	0	1
Poland	80	2	3
Rumania	47	1	2
Russia	10	0	1
Slovenia	4	0	1
Slovakia	6	0	1
Ukraine	65	2	3
Moldavia	1	0	1
<b>Total</b>	<b>507</b>	<b>12</b>	<b>27</b>
1 to 10 members		0 vote	1
11 to 50 members		1 vote	2
51 to 100 members		2 vote	3
more than 100 members		3 vote	4

Red colour: fee open at the period of reference, estimation of delegates present at the assembly



## APPENDIX 2: SURVEY REPORT OF THE TREASURER

## Financial report and balance sheet of the IGWT by 09-30-2012 ( E uro )

Financial report 2012			
	Income	Expenses	Assets
Balance from 2011			8.333,30
Membership fees	5.085,00		
Interests after discount of taxes	0,87		
Bank service charges		104,72	
Website Design		372,00	
Costs Forum Ware International (typing, layout)		380,00	
Sponsoring 18th IGWT Symposium		4.000,00	
Total 2012	5.085,87	4.836,72	
Revenue 2012			229,15
Assets of the IGWT by 09-30-2012			8.562,45

## Financial report and balance sheet of the IGWT by 08-31-2013 ( E uro )

Financial report 2013			
	Income	Expenses	Assets
Balance from 2012			8.562,45
Membership fees	800,00		
Interests after discount of taxes	0,87		
Bank service charges		124,56	
Postage and seal		202,39	
Costs Forum Ware International (typing, layout)		275,00	
Total 2013	800,87	601,95	
Revenue 2013			198,92
Assets of the IGWT by 08-31-2013			8.761,37

## Financial report and balance sheet of the IGWT by 08-31-2014 ( E uro )

Financial report 2014			
	Income	Expenses	Assets
Balance from 2013			8.761,37
Membership fees	1.070,00		
Interests after discount of taxes	0,87		
Bank service charges		94,97	
Costs Forum Ware International (typing, layout)		72,98	
Sponsoring 19th IGWT Symposium		5.000,00	
Total 2014	1.070,87	5.187,95	
Loss 2014			-4.097,08
Assets of the IGWT by 08-31-2014			4.664,29

## Balance sheet of the IGWT

Financial report 2011	
Balance from 2010	8.217,52
Revenue 2011	2.115,78
Assets of the IGWT by 09-30-2011	8.333,30

  

Financial report 2012	
Balance from 2011	8.333,30
Revenue 2012	229,15
Assets of the IGWT by 09-30-2012	8.562,45

  

Financial report 2013	
Balance from 2012	8.562,45
Revenue 2013	198,92
Assets of the IGWT by 08-31-2013	8.761,37

  

Financial report 2014	
Balance from 2013	8.761,37
Loss 2014	-4.097,08
Assets of the IGWT by 08-31-2014	4.664,29



**WE CONGRATULATE**

Prof. DDr. Günter Grundke  
\* **26. March 1925**



Prof. Dr. Josef Hölzl  
\* **28. September 1925**

**Professor DDr. Günter Grundke<sup>1</sup>** was born on March 26th, 1925 in Maltzsch, Silesia. In Breslau he attended secondary school and begun studies of natural sciences. Interrupted by military service and Soviet war captivity he was able to continue his university studies in 1947/8 at the University of Jena. He graduated in chemistry, physics and geography and received a doctor's degree "summa cum laude" by the Friedrich Schiller University in Jena in 1953. The topic of his thesis was about the importance of climate for industry sites.

In 1953, he established the Institute for Commodity Science at the Hochschule für Binnenhandel (Academy for Domestic Trade) in Leipzig. He was nominated as director of this institution and became professor for Commodity Science. He received a further degree "summa cum laude" with a thesis on the development and functions of commodity science in 1955.

Starting from 1953 until his retirement in 1990 he was continuously teaching commodity science and technology in many German universities and abroad:

1953 – 1962 – Hochschule für Binnenhandel , Leipzig, DE; 1963 – 1969 University of Leipzig, DE; 1970-1990 Handelshochschule (Academy of Commerce), Leipzig; 1965 – 1990 Technical University in Merseburg, DE; 1974- 1998 Economic University in Cracow, PL.

As visiting professor he held courses and lectures in Poland, Bulgaria, Hungary, Romania,

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<sup>1</sup> Sources

Thiele, Joachim: Prof.Dr.rer.nat.Dr. oec.Günter Grundke feiert seinen 90 Geburtstag. Forum Ware 43 (2015) Nr. 1-2 , p.113- 123 online: [http://www.dgwt.de/wp-content/uploads/2014/04/FW\\_43\\_2015\\_1\\_2\\_print.pdf](http://www.dgwt.de/wp-content/uploads/2014/04/FW_43_2015_1_2_print.pdf) 11/08/2016.

<http://www.packaging-institute.com/11/08/2016>

[https://de.wikipedia.org/wiki/Deutsches\\_Verpackungsinstitut/11/08/2016](https://de.wikipedia.org/wiki/Deutsches_Verpackungsinstitut/11/08/2016)

former Soviet Union and Czechoslovakia, Austria, Italy, Japan, China, and South Korea.

He developed all kinds of teaching material for Commodity Science (commodity samples, pictures, films, work sheets, etc.) and his study books on Commodity Science were used far beyond the German speaking world.

His expertise on commodity maintenance, transport, damages and packaging became not only valuable for his students. His cooperation and expert opinion in these fields were highly estimated by state offices and stakeholders of industry and commerce alike. Prof. Grundke is author of more than 600 publications and contributed essentially to international standardization by his expert experience and scientific work.

After retirement from university in 1990, he promoted together with Dieter Berndt the foundation of the German Packaging Institute (dvi Deutsches Verpackungsinstitut e.V.) as a network for the packaging industry. There he was actively involved in qualification programs and international cooperation for the years to follow. In 2000 he published a revised lexicon on commodity damages and up to date he delivers contributions for journals and conferences. Professor DDr. Grundke received many awards and of cause he is an honorary member of the IGWT.

Personally I had the honor to meet and talk to Prof. DDr. Grundke several times over a long period. Always he impressed me by his outstanding integrity, knowledge and diligence.

*Author: Eva Waginger, Institute for Multi-level Governance and Development, WU Wien*

**Professor Dr. Josef Hölzl**<sup>2</sup> was born on September 28<sup>th</sup>, 1925 in Ybbsitz, Austria. After grammar school, during the Second World War, he had to serve in the air force and was under Soviet war captivity. From 1947 to 1952 he studied at the philosophical faculty of the University of Vienna natural sciences and philosophy. In 1952 he was accredited to teach biology, philosophy and physics in grammar schools.

His main interests at that time were devoted to plant physiology and ecology resulting in a thesis on plant physiology (1954). In 1955, he became a research assistant and later - until 1972 - a university assistant at the Institute for Botany, Technical Microscopy and Organic Raw Materials of the Technical University of Vienna. There he worked on the methodology of microscopy, investigating plant physiology, and on new horticultural techniques to enlarge animal and human food amplitude. In 1965 he attained a postdoctoral lecture qualification in botany as a professor titular due to his habilitation on botany under special consideration of technical utilization of natural raw materials. From this work derived his highly appreciated study book on the introduction to organic raw materials, which he wrote together with his famous doctor father Prof. Dr. E. Bancher.

From 1971 to 1984 he was head of the Institute for Botany and Food Science at the Veterinary University in Vienna and only one year later he became head of the Institute of Technology and Commodity Science at the Vienna Economic University (WU), a position held until 1991. His main activities switched to promoting Technology and Commodity Science within the economic curricula in order to bridge preconceptions

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<sup>2</sup> Sources:

*Photoarchiv Institute of Technology and Sustainable Product Management WU Wien, by o. Univ.Prof. Dr. Gerhard Vogel*

*Helge Gasthuber: o.Univ.Prof.Dr. Josef Hölzl- 65 Jahre. Forum Ware 18 (1990) No 1-4, p. 167-168*

*Gerhard Vogel: Der Lehrer und Forscher o.Univ.Prof. Dr. Josef Hölzl. Festschrift: Auf der Suche nach dem Gemeinsamen. Wien, 1991 p. iii-vi*

*<http://www.onb.ac.at/> 11/08/2016*

between natural and social sciences. Based upon his unusual interdisciplinary view Prof. Hölzl introduced life cycle perspectives of products, system theory and attached great importance to environmental perspectives long before sustainability has been observed by mainstream economy.

He was eagerly engaged in international cooperation at a time Europe was still divided into East and West and he was especially interested in Asian cultures. Thus he was among the initiators of IGWT foundation in 1978 taking place in Austria and launched, together with Dr. Gekeler from Germany, the issue of the German Journal Forum Ware in 1972. He was president of the IGWT for many years.

The scientific heritage of Professor Hölzl comprises about 150 publications on microscopy, plant physiology and organic matter as well as Technology and Commodity Science.

Knowing Prof Hölzl since my study period, later as doctor father and boss at the Veterinary University and having met him lately, on the occasion of celebrating his 90 birthday, I still admire the universal philosophy on the biology and economy of mankind of this modest and educated man.

*Author: Eva Waginger, Institute for Multi-level Governance and Development, WU Wien*

## WE REMEMBER



**Prof.dr hab. Jacek Koziol**

† 11th. May2015



**Prof.dr hab. Anna Koziol**

+ 20th Aug 2015.

In 2015 IGWT lost two very important members, who had shaped the development of Commodity Science over decades: Jacek und Anna Koziol. In their private and scientific lifes they were closely tied together and it seems to be more than a mere coincidence, that they both passed away within a few months.

**Prof. dr hab. Jacek Koziol**<sup>3</sup> died on May 11<sup>th</sup>, 2015. He was professor and lector at the Poznań University of Economics and Business. There he was among the founders of the Faculty of Commodity Science and for many years, he held the position of the Dean of the faculty. Numerous high-ranking positions and awards are evidence of his engagement and importance in university life and education. The article below gives a good impression of his merits.

As a president and vice-president of the IGWT we remember the passion for commodity science, which Professor Jacek Koziol demonstrated in conferences and meetings.

**Prof. dr hab. Anna Koziol**<sup>4</sup> passed away on August 20<sup>th</sup>, 2015. She was Assistant Professor and lecturer at the Poznań University of Economics and Business. Her research was devoted to active agents in natural substances, photochemistry, instrumental analysis and the investigation of product quality.

Anna Koziol held a number of higher positions within and outside university and was member of many scientific associations, among them IGWT. She received distinguished awards from her university and from the Polish Ministry for Education.

Author: Eva Waginger, Institute for Multi-level Governance and Development, WU Wien

LAUDATION FOR PROF JACEK KOZIOL BY PROF. DR. BOŻENA TYRAKOWSKA ON THE OCCASION OF HIS 70<sup>TH</sup> BIRTHDAY

Reprint from Circulare 39/2002 S. 17 -18

In this article, written to celebrate the 70th birthday of Professor Jacek Koziol, I would like to express, on behalf of the academic community and myself, our gratitude and respect to Professor Koziol not only for his scientific and teaching achievements but, above all, for his remarkable contribution to the creation and development of modern commodity/quality science at the Poznań University of Economics and in Poland. Professor Jacek Koziol has been involved in commodity science at the Poznań University of Economics for 50 years. In the years 1949-54 he studied commodity science, and in 1952 he started working for the Chair of Food Commodity Science under the supervision of Prof. Aleksander Lempka, an eminent commodity science specialist.

Since 1979, when he was appointed a professor, he has been specialising in quality development, protection and assessment. He is widely recognised as an outstanding chemist and commodity science specialist, both in Poland and abroad. Professor Koziol is notable for his courage, determination, consistency as well as a deep love of and dedication to the scientific disciplines he pursues. These qualities, which are his guiding principles he has striven to instil in his disciples.

One of Professor Koziol's life passions is the research of flavins. He got his PhD degree upon presentation of a thesis on fluorescence of flavins. After receiving the degree, he started developing his own research programme concerning physical-chemical and photochemical properties of vitamin B2 derivatives. In 1969, he undertook his first long-term postdoctoral fellowship and he worked with Professor David Metzler at the

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3 Source:

<http://ue.poznan.pl/pl/aktualnosci,c16/aktualnosci,c15/zmarla-prof-dr-hab-anna-koziol-prof-zw-uep,a40637.html/20/01/2016>

Circulare 39/2002 S. 17 -18

4 Source:

<http://ue.poznan.pl/pl/aktualnosci,c16/aktualnosci,c15/odszedl-prof-dr-hab-jacek-koziol-prof-zw-uep,a37606.html/20.01.2016>

Department of Biochemistry and Biophysics at Iowa State University. There he started his first international contacts, which initiated a long-lasting and fruitful co-operation with many outstanding scientists. Having returned to Poznań, he created his research team, and in 1976 founded the Chair of Instrumental Analysis. The results of his research, published in prestigious journals of world-wide circulation, invariably arouse a lot of interest. Professor Koziół's team has published numerous scientific papers in co-operation with well-known British, Dutch, German, Italian, Japanese and American authors specialising in photo-chemistry and biochemistry of flavins. Professor Koziół and his team brought a significant contribution to the knowledge of chemical, photochemical and photo-physical properties of derivatives of flavins with alloxazine structure. His most important achievements include: the discovery and explanation of the phenomenon of isomerisation of alloxazines in excited electronic states in the presence of various compounds catalysing "concerted double proton transfer in excited states". He also solved the mechanism of the so-called covalent hydration of alloxazines in aqueous alkaline solutions, proposed an interpretation of the electronic structure of alloxazine and its derivatives with various substituents, and provided an explanation of the effect of hydrogen bonding on the spectral properties of isoalloxazines and alloxazines.

As a chemist and commodity science specialist, Professor Koziół has always paid much attention to the problem of quality in general and to the application of modern instrumental analytical methods in evaluation of the products' quality. His remarkable achievements in the field of commodity science analysis include establishing criteria for the selection of analytical methods and schemes for the determination of constituents present in products in trace quantities, e.g. group B vitamins. He also supervised the introduction of reliable instrumental methods for food product quality assessment into Polish Standards.

Since 1985, the issues connected with a broad social aspect of quality have played an increasingly important role in Professor Koziół's scientific research, becoming, next to research on flavins, his other life passion. He has often been invited to work in teams of experts. He has won acclamation for his standpoint on the determinants of quality, losses resulting from poor quality, significance of basic research for development of commodity science, the role of commodity science specialists in the promotion of good quality, organisation of quality control, and the significance of modern technological achievements in the education of economists and commodity science specialists.

Professor Koziół's team has developed into a school which is, as Prof. Dr. Maciej Wiewiórowski, an outstanding chemist; aptly put it, an original hybrid of physics-chemistry, photo-chemistry, and molecular spectroscopy and commodity sciences.

The authority of Professor Koziół as an outstanding chemist and commodity science specialist has been supported by over 100 papers on vitamins, quality assessment and implementation of quality priority, published in Polish and foreign scientific journals. He has also been an organiser or participant of numerous conferences and symposia held in Poland and abroad, presenting the results of research conducted by his team and the achievements of Polish commodity science.

He is an excellent lecturer and teacher. He currently lectures on food commodity science and technology, human nutrition, quality and ecology, and trends in commodity/quality sciences. He inspires and stimulates the scientific research of his disciples and co-workers, at the same time creating opportunities for them to achieve their aims and assess their own abilities. Thanks to the Professor's personal contacts and position, the staff of the Faculty of Commodity Science received long-term fellowships abroad and vice versa, eminent Polish and foreign specialists visit the Poznań University of Economics to conduct consultations and give lectures, all of which results in various co-operation agreements.

Professor Koziół has held numerous responsible positions at our Alma Mater and outside. For many years, he was the Dean of the Faculty of Commodity Science. The Faculty owes to his activity at that time its modern programme of education. At the beginning of the

1990s, he was invited by the Ministry of Education to be one of the few experts responsible for establishing the programme minima for disciplines within the curricula proposed for studies in economic sciences. He was responsible for the programme minima for commodity science at the baccalaureate and master's levels. These minima are obligatory for all university-level schools in Poland offering education in commodity/quality sciences.

In the years 1999-2001, the Professor was President of the International Society of Commodity Science and Technology (IGWT). At present, he is Vice-President and one of the Editors of the International Journal for Commodity Science "Forum Ware International", Vice-Chairman of the Polish Commodity Science Society, President of the Commission of Commodity Science and Quality Science of the Polish Academy of Sciences (Poznań branch), and a member of the Polish Chemical Society, the Polish Biochemical Society and the European Photochemistry Association.

For his research and teaching work as well as his contribution to education, Professor Koziol has received many prestigious awards and honours from the Polish authorities (including high orders such as Krzyż Kawalerski Orderu Odrodzenia Polski, Krzyż Oficerski Orderu Odrodzenia Polski and Medal Komisji Edukacji Narodowej/ The Medal of the National Education Committee).

Professor Jacek Koziol is a co-founder of the Faculty of Commodity Science. In 1993, thanks to his long efforts, the Faculty of Commodity Science was the first in Poland to be awarded full academic rights in the field of commodity sciences. The unique curriculum introduced at that time is a well-balanced combination of sciences and economics. The Professor's open and humanistic personality, the qualities of his character and mind, and his broad scientific and organisational activity as the Dean of the Faculty of Commodity Science at the University of Economics have had a significant impact on the shape, importance and rank of commodity science studies not only in Poznań or in Poland, but also in many academic centres throughout Europe.

Source Circulare 39/2002 S. 17 -18

## **NEW IGWT HOMEPAGE DESIGNED BY THE POLISH PRESIDENCY**

<http://www.igwt.uek.krakow.pl/>





**REMARKS FROM THE EDITOR**

Dear Members of the IGWT,

Since 2000, I have been editing this circular and now "*it is time to say good bye*".

Since the year 1983 this circular has been published by editors from the Institute of Technology and Commodity Science of the Vienna University of Economics (o.Univ. Prof. Dr. Gerhard Vogel, Dr. DI. Erwin Hoffelner, Dr. Ingrid Wagner). As you may already know, the institute was ultimately closed in 2012 after the retirement of its last head and long term managing IGWT Vice- President o.Univ.Prof. Dr. Gerhard Vogel - and we managed to continue for the last 4 years.

A new generation with different perceptions may continue former work or start anew. The history of IGWT, so far summed up in 47 Circulars edited by us will be open for a new chapter.

We will post the old circulars on the IGWT Homepage and they are stored in the archives of the Austrian National Library. Therefore, this history might survive for some time.

Best wishes for all of you and a prosperous future for you and Commodity Science!

Thank you so much for your cooperation and very often for your friendship.

Sincerely

Eva Waginger

***Impressum***

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