ROMANIA MINISTRY OF NATIONAL EDUCATION AGORA UNIVERSITY OF ORADEA FACULTY OF ECONOMIC SCIENCES



Doctor Honoris Causa

PROFESSOR



Dr. GANG KOU

Executive Dean of School of Business Administration, Southwestern University of Finance and Economics (SWUFE)

> ORADEA 11 - MAY - 2016

AGORA UNIVERSITY OF ORADEA, ROMANIA





Prof. Adriana Manolescu, PhD President of The Senate of Agora University adriana.manolescu@univagora.ro



Prof. Mişu-Jan Manolescu, PhD President of Agora University mmj@univagora.ro



Prof. Ioan Dzitac, PhD Rector of Agora University rector@univagora.ro

Agora University of Oradea Piata Tineretului, nr. 8 410526 Oradea, Romania Tel: +40 259 427 398 Fax: +40 259 434 925 E-mail: secretariat@univagora.ro www.univagora.ro

DOCTOR HONORIS CAUSA

OF AGORA UNIVERSITY





PROFESSOR Dr. GANG KOU

ORADEA, MAY 11, 2016

RECTOR'S PROPOSAL

In 2012, **Prof. Gang Kou**, Executive Dean of School of Business Administration, Southwestern University of Finance and Economics (SWUFE) of Chengdu, China, was an invited speaker at *International Conference on Computers, Communications and Control* (ICCCC), organized by Agora University, contributing to the prestige of the meeting ICCCC2012.

He has received, within this occasion, the title of *Honorary Member of Agora University Senate* and joined as a member of Editorial board of our ISI Thomson and Scopus quoted journal (the best in Romania and in top 100 in the World in the field of Computer Science), *International Journal of Computers, Communications & Control* (IJCCC).





In 2013, acad. F.G. Filip – Doctor Honoris Causa of Agora University since 2012 and, prof. Ioan Dzitac - rector of Agora University since 2012, were invited by prof. Gang Kou to visit SWUFE campus in Chengdu, China, and to contribute each with an invited lecture.





Within this occasion was signed the following agreement of cooperation.

AGREEMENT OF CO-OPERATION BETWEEN SCHOOL OF BUSINESS ADMINISTRATION IN SOUTHWESTERN UNIVERSITY OF FINANCE AND ECONOMICS, CHINA

http://www.swufe.edu.cn

AND

THE AGORA UNIVERSITY OF ORADEA, ROMANIA

http://univagora.ro/en/

As a gesture of goodwill and for the purpose of establishing ties between their two institutions, the undersigned hereby affirm their intent to promote such academic collaboration and exchanges, as will be of mutual benefit to their respective institutions.

The Agreement covers, but is not limited to:

Article 1 - Object and scope of co-operation

The purpose of this Agreement is to define the main fields of the co-operation and the procedure for its implementation.

Specific agreements will be drawn up within the Agreement of co-operation and they will contain precise technical and economic terms for activities agreed upon by both parties.

Particular attention shall be given to the following items:

- 1.1. Participation in research programs.
- 1.2. Participation in specific training courses.
- 1.3. Development of special programs for the students and academic staff.
- 1.4. Other subjects of mutual interest, as will be agreed upon.

Article 2 - Forms of co-operation

The co-operation between parties will be carried out according to one or more of the following forms:

2.1. Exchange of verbal or written information and documentation.

- 2.2. Visits and training periods for the students and academic personnel.
- 2.3. Exchange of journal, books and reviews.

Article 3 - Terms of co-operation

3.1. Information and/or documentation, as per item 2.1., shall be dispatched upon request of either party at no cost if the information is already available or can be easily obtained. If the documentation itself or its preparation, translation or dispatch requires considerable expenses, the party requesting it shall be informed of the relevant price and the dispatch of this documentation shall be subject to that party's agreement to reimburse the expenses.

3.2. Travel and lodging expenses related to the study trips and/or training periods, as per item 2.2., shall be established on a reciprocity principle and a specific agreement shall set forth the economic terms for overhead expenses and for the assistance to be rendered by one party to another. Possible requests for study trips and/or training periods should be sent at least six months in advance.

3.3. The performance of services and the participation in research programs and specific training courses shall be covered by *ad hoc* supplementary agreements.

This Agreement shall be valid for five years and shall be automatically extended every five year, unless termination is requested by one of the parties at least six months before the expire date.

Article 5 - Taxes

All taxes related to this Agreement shall be paid directly by the Agora University of Oradea due in Romania and by the School of Business Administration in Southwestern University of Finance and Economics due in China

Article 6 - Amendments

Any amendments to this Agreement shall be subject to the approval of both parties and given in writing in a new agreement.

Article 7 - Language

All correspondence related to this Agreement shall be in English.

Article 8 - Entry into force

This Agreement, drawn up in two original in English, both valid, shall take effect as of the date of signing by the contracting parties.

For School of Business Administration in Southwestern University of Finance and Economics

Gang Kou, Ph.D. Professor Dean Signed at <u>SWVFE</u> or	n this 19 day of May 2013.
NA	Date: 19-05-2013
For Agora University of Oradea Ioan Dzitac, Ph.D. Professor Rector	

Signed at Cheryolu	_ on this $\underline{/G}$ day of $\underline{/A}\underline{/}$ 2013.
-195-	Date: <u>19-05-2013</u>

According our agreement two students from Agora University can participate in annual Discover SWUFE Summer Camp for International students (Camp costs, including course fees, accommodation, meals and local transportation etc., are fully covered by SWUFE for 2 student delegates).



Discover SWUFE International Summer Camp, 2014



Now, when Agora University, accredited by Law 59/2012, celebrates 11 years since the ICCCC and IJCCC were founded, it is a privilege for us, a great honor and a joy of the spirit to award the title and the diploma of **Doctor Honoris Causa to Professor Gang Kou**.

Rector, Prof. Ioan DZITAC

LAUDATIO addressed to Prof. GANG KOU, PhD, when awarding the title of Doctor Honoris Causa of the Agora University of Oradea



Prof. Dr. GANG KOU (b. 1975, Chengdu, China)

Gang Kou, born in Jiangxi, China on December 12, 1975, is a Distinguished Professor of Chang Jiang Scholars Program and Executive Dean of School of Business Administration, Southwestern University of Finance and Economics. Dr. Kou's research interests include big data mining, risk analysis, emergency management and multiple criteria decision making.

He is the managing editor of International Journal of Information Technology & Decision Making (SCI, Impact factor 1.890) and editor-in-chief of Springer book series on Quantitative Management. He is also editor for the following journals: Decision Support Systems (SCI, Impact factor 2.036), Associate Editor, 2014-now; Technological and Economic Development of Economy(SSCI, Impact factor 2.818), Editorial board member, 2011-now; Studies in Informatics and Control(SCI, Impact factor 0.605), Editorial board member, 2011-now; International Journal of Computers, Communications & Control (SCI, Impact factor 0.694), Editorial board member, 2013-now; Scientific World Journal(SCI, Impact factor 1.219), Editorial board member, 2012-now. Previously, he was a professor of School of Management and Economics, University of Electronic Science and Technology of China, and a research scientist in Thomson Co., R&D.

Dr. Kou has received many distinguished awards including the Distinguished Professor of Chang Jiang Scholars Program, 2014; ESI highly cited researcher, 2015; The National Science Fund for Excellent Young Scholars, 2013; The Youth Award of management in China, 2013. He has participated in various data mining projects, including data mining for software engineering, network intrusion detection, health insurance fraud detection, credit card portfolio analysis and China Score project etc.

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Impact in Google Scholar : more than 100 published works and 2,000 citations (retrieved on March 08, 2016)

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Impact in ISI Web of Science : more than 80 published articles and 1,100 citations (retrieved on March 08, 2016)

The latest 20 years are displayed

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He published more than 80 research papers in 35 different journals and numerous papers in international conferences ranging from decision analysis, risk evaluation, emergency management, models and algorithms of optimization and multiple criteria decision making etc. There are more than 1200 SCI/SSCI citations by others. 8 papers have been ranked as the top 1% highly cited papers by ESI (Essential Science Indicators) of ISI Web of Science from 2005-2015, in which one paper has been cited 137 times by others. He has thus been ranked as one of the ESI highly cited researchers. He published 2 books by Springer (in English). Among them, 1 book has been cited 23 times by others.

From 2003-2006, he started his PhD degree, majoring Information Technology, University of Nebraska at Omaha and developed theoretical concepts, algorithms and systems pertaining for Multi-Criteria Decision Making. He was also concerned with practical applications to real world data analysis problems in commercial and scientific datasets. His Research activity includes: Financial Fraud detection, Credit Card Risk Analysis, Health insurance fraud detection, Network Surveillance and Intrusion Detection System.

Since then, he focused on the interdisciplinary field between data mining and Multi-Criteria Decision Making, and has made great achievements in this field. Gang Kou's key theoritical contributions to the academic research can be summarized as follows:

First, he founded models and algorithms of multiple criteria optimization classification. Multi-class classification problems are harder to solve and less studied than binary classification problems. He presented a multi-criteria mathematical programming (MCMP) model for multi-class classification by introducing the concept of e-support vector to facilitate computation of large-scale applications. This improves high classification accuracies and low false alarm rates for multi-class network intrusion classification. He also promoted a multiple criteria linear programming(MCLP) approach to data mining based on linear discrimnant analysis. His findings suggest that the MCLP-data mining techniques have a great potential in discovering knowledge pattern from a large-scale real life database or data warehouse. To resolve the speed and scalability issues in data mining and knowledge discovery, he proposed a mathematical programming model (called Multicriteria Convex Quadric Programming (MCQP)). The proposed MCQP is highly efficient and scalable to massive problems because it only needs to solve linear equations to find the global optimal solution. He and his colleagues applied the proposed models and algorithms to various fields such as financial risk analysis, credit scoring, emergency manangment etc. He and his colleagues applied the proposed models and algorithms to the daily economic life of the people in China. The related works were published in several internationa journals, including Optimization methods and Software, Information Science, Decision Support Systems, in which one paper has been listed as the top 1% highly cited papers by ESI.

Second, he proposed methodolgies of selection and evaluation of data mining algorithm based on multiple criteria decision making (MCDM) methods. In the multiclass classification problem, the selection and evaluation of an effective algorithm is important yet difficult issue. Gang kou and his colleagues modeled the selection process of muticlass algorithms as a multiple criteria decision making (MCDM) problem and proposed a fusion approach to resolve conflicting rankings generated by different MCDM methods. Besides, the evaluation of clustering algorithms is also intrinsically difficult because of the lack of objective measures. He and his collegues also modeled it as a MCDM problem, and presented an MCDM-based approach to rank a selection of popular clustering algorithms. The proposed algorithms were successfully applied to many practical fields such as software defect prediction, financial risk analysis and credit card fraud. His related works were published in several international journals, including the well-known Information Sciences and Decision Support Systems etc. Two of the related papers have been listed as the highly cited papers (Top 1%) by ESI of ISI Web of Science.

Third, he made a lot of achievements in the field of data analysis in the pair-wise comparison matrices (PCMs). As we all know that pair-wise comparison matrices (PCMs) have been widely used to assess the performance of qualitative or quantitative relationships between sets of decision elements in the multi-criteria decision making methods, especially the analytical hierarchy process (AHP) and analytical network process (ANP) methods. However, the PCMs often involve inconsistency, uncertainty and/or missing data due to unavailable or asymmetric information, prejudice, limited expertise and the complicated decision problems in nature etc, which could result in invalid even wrong decision making. He led a research group to investigate these issues, and proposed several models such as improved statistical model and induced bias matrix model, to identify the most inconsistent elements in the PCM. He also developed a Hadamard product induced bias matrix model to simultaneously cope with Cardinal and ordinal inconsistencies in the PCM, which only requires the use of the data in the original matrix to identify and adjust the inconsistent element(s) in a PCM. To derive the priority vector from an inconsistent pairwise comparison matrix, he developed algorithm for achieving a nearest consistent matrix, which is based on a logarithmic transformation of the pair-wise comparison matrix. Besides, he presented a cosine maximization method (CM) based on similarity measure to derive the priority vector. The proposed model could maximize the sum of the cosine of the angle between the priority vector and each column vector of a PCM and derive the reliable priority vector. The related works were published in several international journals, including the well-known European Journal of Operational Research, Applied Mathematical Modelling and Journal of the Operational Research Society etc. Two of the related papers have also been listed as the highly cited papers (Top 1%) by ESI of ISI Web of Science.

His related researches have quickly been accepted by international academic community and highly cited by international scholars, in which 8 papers are listed as the highly cited papers (Top

1%) by ESI, and he is listed as as ESI highly cited scientists. Due to his outstanding contributions in management science, he was awarded the Distinguished Professor of Chang Jiang Scholars Program in year 2014, won the National Science Fund for Excellent Young Scholars and the Youth Award of management in China in year 2013.

WORK EXPERIENCE

- 1. May 2013 Present: Executive Dean, Professor, The School of Public Administration , Southwestern University of Finance and Economics.
- 2. March 2008–April 2013: Professor, School of Management and Economics, University of Electronic Science and Technology of China.
- 3. Janury 2007–April 2008: Research Scientist, Thomson Corporation.

AWARDS AND HONORS

- 1. Chang Jiang Scholars, Ministry of Education People's Republic of China, 2015
- 2. Sichuan Youth Science and Technology Award, 2013
- 3. Chinese Management Youth Award, 2013
- 4. First Prize of Natural Science by the Ministry of Education of China, 2012
- 5. Second Prize of Natural Science by the Ministry of Education of China, 2012
- 6. Second Prize of Sichuan Science and Technology Progress Award, 2010

PROFESSIONAL SERVICES

Managing Editor:

International Journal of Information Technology and Decision Making (2008-Now) http://www.worldscinet.com/ijitdm/ijitdm.shtml

Associate Editor: Decision Support Systems (2014-now)

Editorial board member:

- 1. Studies in Informatics and Control (2011-Now)
- 2. Technological and Economic Development of Economy (2011-Now)
- 3. International Journal of Computers, Communications & Control(2013-now)

Guest Editor:

- 1. Information Sciences (2011)
- 2. Journal of Supercomputing (2011)
- 3. Decision Support Systems (2010)
- 4. Journal of Multi Criteria Decision Analysis (2010)

RECENT KEYNOTE/INVITED SPEECHES AT CONFERENCES

- *1. Manifold Learning for Financial Data,* Workshop on Internet and Big Data Finance (WIBF), City University of Hong Kong, June 11-12, 2015
- 2. *Data consistency in Emergency Management*, International Conference on Computers, Communications and Control, Băile Felix, Oradea, România, May 8-12, 2012
- 3. *Risk Analysis in Software Engineering and Incident Management*, 2011 International Conference on Computational and Information Sciences (ICCIS 2011), Chengdu, China, October 21-23, 2011.
- 4. *IBMM: Data Processing Model for Reciprocal Pairwise Comparison Matrix,* the 2nd International Symposium on Dataology & Data Science, June 2011, Beijing, China
- 5. Selecting Data Mining algorithms using Multiple Criteria Decision Making Applications in Software Engineering and Incident Management, the 3rd International Joint Conference on Computational Sciences and Optimization, CSO 2010, May 2010, Yellow Mountain, China
- 6. *Data Mining for Software Trustworthiness*, the 5th International Joint Conference on INC, IMS and IDC, NCM 2009, Aug. 2009, Seoul, Korea
- Heterogeneous Information Integration and Mining A Review and Case Study on Real-time Incident Management, the 3rd International Conference on New Trends in Information and Service Science, NISS 2009, June 2009, Beijing, China
- 8. Data Mining and Its Application in Software Engineering and Incident Management, KAIST
 Korea Advanced Institute of Science and Technology, Aug. 2009, Seoul, Korea

SELECTED WORKS (CO)AUTHORED BY GANG KOU

- [1] Gang Kou, Changsheng Lin, A cosine maximization method for the priority vector derivation in AHP, European Journal of Operational Research, 235 (2014) 225–232 (SCI).
- [2] Gang Kou, Daji Ergu, Jennifer Shang, Enhancing Data Consistency in Decision Matrix: Adapting Hadamard Model to Mitigate Judgment Contradiction, European Journal of Operational Research, 236 (1): 261-271 (SCI).
- [3] Gang Kou, Yi Peng, Guoxun Wang, Evaluation of Clustering Algorithms for Financial Risk Analysis using MCDM Methods , Information Sciences, 275(2014):1-12 (SCI).
- [4] Gang Kou, Lean Yu, Intelligent Knowledge Management in Operations Research, Annals of Operations Research, 234(1):1-2, 2015(SCI).
- [5] Yan Huang, Gang Kou, A Kernel Entropy Manifold Learning Approach for Financial Data Analysis, 64(2014):31–42, Decision Support Systems (SCI).
- [6] Changsheng Lin, Gang Kou, Bayesian revision of the individual pair-wise comparison matrices under consensus in AHP-GDM, 35(2015):802-811, Applied Soft Computing, 2015 (SCI).
- [7] Guangxu Li, Gang Kou, Changsheng Lin, Liang Xu, Yi Liao, Multi-attribute decision making with generalized fuzzy numbers, Journal of the Operational Research Society, DOI: HTTP://DX.DOI.ORG/10.1057/jors.2015.1, 2015 (SCI).

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- [9] Daji Ergu, Gang Kou, Yi Peng, Mingshan Zhang, Estimating the Missing Values for the Incomplete Decision Matrix and Consistency Optimization in Emergency Management, Applied Mathematical Modelling, 40 (1):254-267, 2016(SCI).
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- [11]Kun Chen, Gang Kou, Jennifer Shang, Yang Chen, Visualizing market structure through online product reviews: Integrate topic modeling, TOPSIS, and multi-dimensional scaling approaches, Electronic Commerce Research and Applications, 14 (2015) 58–74, (SCI).
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- [13]Kou, G., Peng, Y., An Application of Latent Semantic Analysis for Text Categorization, International Journal of Computers, Communications & Control, 10(3):357-369, 2015 (SCI).
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- [15] Yang Chen, Yi Wang, Saggi Nevo, Jose Benitez-Amado, Gang Kou, IT Capabilities and Product Innovation Performance: The Roles of Corporate Entrepreneurship and Competitive Intensity, Information & Management, 52 (6), 643-657, 2015, (SSCI).
- [16] Yang Chen, Yi Wang, Saggi Nevo, Jose Benitez-Amado, Gang Kou, Improving Strategic Flexibility with Information Technologies: Insights for Firm Performance in an Emerging Economy, Journal of Information Technology, DOI: HTTP://DX.DOI.ORG/10.1057/jit.2015.26, (SSCI).
- [17]Kou, G., Daji Ergu, Yu Shi, An Integrated Expert System for Fast Disaster Assessment, Computers & Operations Research, 42 (2014) 95–107 (SCI).
- [18]Kou, G., Peng, Y., Lu, C., An MCDM Approach to Evaluate Bank Loan Default Models, Technological and Economic Development of Economy, 20(2): 278–297, 2014 (SSCI).
- [19]Gang Kou, Wenshuai Wu, Multi-criteria decision analysis for emergency medical resources assessment, Annals of Operations Research, (2014) 223:239–254 (SCI).
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- [21]Gang Kou, Yiyi Zhao, Yi Peng, and Yong Shi, Multi-level opinion dynamics under bounded confidence, PLoS One, 7(9): e43507, DOI: HTTP://DX.DOI.ORG/10.1371/journal.pone.0043507, 2012 (SCI).
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- [23]Kou, G., and Lou, C., Multiple Factor Hierarchical Clustering Algorithm for Large Scale Web Page and Search Engine Clickstream Data, Annals of Operations Research, Volume 197, Issue 1, Page 123-134, 2012 (SCI, SSCI).
- [24] Gang Kou, Yong Shi, and Guozhu Dong, Data mining for software trustworthiness, Information Sciences, DOI: http://dx.doi.org/10.1016/j.ins.2012.02.001, 191 (2012) 1-2 (SCI,EI)
- [25]Kou, G., High performance networked computing in media, services and information management, Journal of Supercomputing, 64(3): 830-834, 2013 (SCI).
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- [33] Daji Ergu, Kou, G., Yong Shi, Yu Shi, Analytic Network Process in Risk Assessment and Decision Analysis, Computers & Operations Research , 42 (2014) 58–74, (SCI)
- [34] Changsheng Lin, Gang Kou, Daji Ergu, A statistical approach to measure the consistency level of the pair-wise comparison matrix, Journal of the Operational Research Society, DOI : 10.1057/jors.2013.92 (SCI)
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- [45]Daji Ergu, Kou, G., Yi Peng, Feixiong Li, Yong Shi, Data consistency in Emergency Management, International Journal of Computers, Communications & Control, 7(3):450-458, 2012 (SCI).

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Prof. Mişu-Jan Manolescu, President of Agora University

ANALYSIS COMMISSION FOR LAUDATIO* on the occasion of awarding the title Doctor Honoris Causa To Professor Gang Kou

President: Acad. Florin Gheorghe FILIP, Romanian Academy, Romania.

Members:

- Prof.Dr. Fuad ALESKEROV, National Research University, Higher School of Economics, Moscow, Russia.
 Prof.Dr. Loop DZITAC
- **2. Prof.Dr. Ioan DZITAC,** Agora University of Oradea, Romania.
- **3. Prof.Dr. Enrique HERERRA-VIEDMA,** University of Granada, Granada, Spain.
- 4. **Prof.dr. Misu-Jan MANOLESCU**, Agora University of Oradea, Romania.
- **5. Prof.Dr. Yong SHI,** University of Nebraska at Omaha, USA.
- 6. Prof.Dr. Zenonas TURSKIS, Vilnius Gediminas Technical University, Lithuania.

*Note. The Commission has been nominated by Rector's Decision No. 27/07.04.2016 based on approval of Agora University Senate.

"Quod bonum, felix, faustum fortunatumque sit"

Summis auspiciis rei publicae dacoromaniae, nos, praesidens membraque Senatus Agorae Varadiniensis Accademiae, sagacissimi magistri, morem nosrum accademicum sequentes, omnibus eius operibus investigatis, qui praecipuus scientia informaticae et economicae in doctrinam eiusdem rei excolendam et promovendam omni laude dignus est summis omnium plausibus decrevimus ut

Illustrisimo Magistro

Hoc diploma Doctoris Honoris Causa Agorae Varadiensis Accademiae Conferretur

Datum Varadinum: A.D. MMXVI, Nonae Maiae.

Mişu-Jan Manolescu Praesidens Accademiae Adriana Manolescu Praesidens Senatus loan Dziţac Rector Magnificus

RESPONSE TO THE LAUDATIO

The theorem and methodologies of the data analysis in the decision making,

Gang Kou, Southwestern University of Finance and Economics, Chengdu, China

Abstract. In the multi-criteria decision making, decision matrices are used extensively to gather the related decision information and/or quantify experts' judgments so as to compute the priority vectors of alternatives. Therefore, the theorem and methodologies of the data analysis in the decision matrices have been widely studied from different perspectives, and various approaches and models have been proposed over the past few decades. The pairwise comparison matrix , one of the most popular decision matrices in the decision making, usually involves the following issues in practice: uncertain or missing data estimation, cardinal/ordinal inconsistency identification, consistency index, priority derivation and sensitivity analysis due to unavailable or asymmetric information, prejudice, limited expertise and the complicated decision problems in nature etc, which could result in invalid even wrong decision making. In this study, some theorems and methodologies of the data analysis are proposed to tackle the above issues in the decision matrices.

GEAUDEAMUS IGITUR

Gaudeamus igitur, Juvenes dum sumus; Post icundum iuventutem, Post molestam senectutem Nos habebit humus.

Vita nostra brevis est, Brevi finietur; Venit mors velociter, Rapit nos atrociter; Nemini parcetur.

Ubi sint qui ante nos In mundo fuere? Vadite ad superos, Transite in inferos Hos si vis videre.

Vivat academia, Vivant professores, Vivat membrum quodlibet, Vivat membra quaelibet; Semper sint in flore!

Vivat et republica Et qui illam regit. Vivat nostra civitas, Maecenatum caritas Quae nos hic protegit.

Vivant omnes virgines, Faciles, formosae! Vivant et mulieres, Tenerae, amabiles, Bonae, laboriosae.

Pereat tristitia, Pereant osores. Pereat diabolus, Quivis antiburschius Atque irrisores!

Quis confluxus hodie Academicorum? E longinquo convenerunt, Protinusque successerunt In commune forum. Let us therefore rejoice, While we are young; After our youth, After a troublesome old age The ground will hold us.

Our life is brief, It will shortly end; Death comes quickly, Cruelly snatches us; No-one is spared.

Where are those who before us Existed in the world? You may go up to the gods, You may cross into the underworld If you wish to see them.

Long live the university, Long live the teachers, Long live each male student, Long live each female student; May they always flourish!

Long live the state And those who rule it. Long live our city, And the charity of benefactors Which protects us here.

Long live all young women, Easy and beautiful! Long live wives as well, Tender, loveable, Honest, hardworking.

Perish sadness, Perish haters. Perish the devil, Whoever is against the student fraternity, As well those who mock us!

Who has gathered now Of the university? They gather from long distances, Immediately joining Our common forum. Vivat nostra societas, Vivant studiosi! Crescat una veritas, Floreat fraternitas, Patriae prosperitas.

Alma Mater floreat, Quae nos educavit; Caros et commilitones, Dissitas in regiones Sparsos, congregavit. Long live our fellowship, Long live the studious! May truth and honesty thrive, Flourish with our fraternity, And our homeland be prosperous.

May our Alma Mater thrive, That which educated us; Dear ones and comrades, Who we let scatter afar, Let us assemble.