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# 18<sup>th</sup> EIASM INTERDISCIPLINARY CONFERENCE on INTANGIBLES, INTELLECTUAL CAPITAL, AND SUSTAINABILITY – REPORTING, GOVERNANCE, AND VALUE CREATION

#### Chairpersons

Prof. **Stefano Zambon**Department of Economics and Management
University of Ferrara, Ferrara, Italy

Prof. Dr. **Dominika Hadro**Department of Finance,
Wroclaw University of Economics and Business, Wroclaw, Poland

Prof. Dr. **Justyna Fijałkowska**Department of Finance and Accounting
University of Social Sciences, Lodz, Poland

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Department of Management of Higher Education Institutions,
Jagiellonian University in Krakow, Poland

Jagiellonian University, Krakow, Poland 21-22 September 2023

#### **CONFERENCE BACKGROUND**

This Conference comes at a historic time for sustainability reporting. The publication of the Corporate Sustainability Reporting Directive (CSRD) in the Official Journal of EU on 16th of December 2022 marks a revolutionary step for this form of reporting in the EU member states. The equal footing on which sustainability and financial reporting have been put by the new legislation, makes it necessary a profound change in corporate culture, governance and risk management, as well business reconceptualisation and conduct. Information lies at the heart of this revolution and is seen as a catalyser of this epochal transformation. The very concept of "value creation" becomes richer and more articulated, encompassing also the medium-long term perspective and the related ability to support an entity's value creation over time especially through intangibles and intellectual capita (IC). The passage from a purely shareholder oriented perception of value to a stakeholder and sustainability-infused vision of this notion represents another element of a not easy transition in the company ecosystems.

#### A SPECIAL TRACK ON

"INTANGIBLES, INTELLECTUAL CAPITAL, AND SUSTAINABILITY IN HIGH-TECHNOLOGY AND KNOWLEDGE INTENSIVE ORGANISATIONS"

#### Track leaders

Prof. Daniela Mancini, University of Teramo - Italy Prof. Alessandra Lardo, Parthenope University of Naples - Italy Prof. Miriam Monserrat Cano Rubio, University de Jaén - Spain

# Under the auspices of



### **PROGRAMME**

### Thursday, 21 September 2023

Collegium Novum, Jagiellonian University, Gołębia 24 Street (Old Town), Krakow

08.00 Registration (Collegium Novum – ground floor)

09.00 Welcome Addresses and Inauguration of the Conference (Aula Collegium Novum)

Prof. dr hab. *Piotr Jedynak* Vice-Rector for Human Resources and Financial Management,

Jagiellonian University in Krakow

Prof. **Stefano Zambon**University of Ferrara, and Conference Co-Chair
Prof. dr hab. **Łukasz Sułkowski**Jagiellonian University, and Conference Co-Chair

Vice-Rector for Research and Human Resources Development of WSB University,

President of PCG Polska

Prof. dr *Justyna Fijałkowska* University of Social Sciences, Lodz, and Conference Co-Chair

Vice-Rector for International Cooperation of the University of Social Sciences

Prof. dr **Dominika Hadro** Wroclaw University of Economics and Business

09.20 Opening Plenary Session – "The evolving world of sustainability disclosures between regulations, standards, impacts, and risks and opportunities: a 'material' dialogue" (Aula Collegium Novum)

**Sven Gentner** 

Head of Unit "Corporate reporting, audit and credit rating agencies", Directorate General FISMA, European Commission

Patrick de Cambourg

Chair, Sustainability Reporting Board, EFRAG (in video connection)

Eelco van der Enden

CEO, GRI Laura Girella

Technical Director/Specialist, Connectivity and Integrated Reporting Team, IFRS Foundation, and Associate Professor of Business Economics, University of Modena and Reggio Emilia

Chair: Stefano Zambon, University of Ferrara, and Conference Co-Chair

11.00 Coffee break

## Novum) Dr André Gorius, President, Institut Français de l'Immatériel-WICI France, and International IP Valuation Expert for WIPO Sustainability management and value creation: towards a contamination between the worlds of physics and economy? Prof. dr Hab. Łukasz Sułkowski, Jagiellonian University, and Conference Co-Chair; Vice-Rector for Research and Human Resources Development of WSB University; and President of PCG Polska Universities intangibles and their accountability Chair: Prof. Dr Justyna Fijałkowska, University of Social Sciences, Lodz, and Conference Co-Chair, Vice-Rector for International Cooperation of the University of Social Sciences 12.20 Lunch 13.15 Bus transfer to the Faculty of Management and Social Communication, Jagiellonian University, Łojasiewicza 4 Street, Krakow Parallel Sessions A (presentation of academic research papers) (Rooms 3.113, 3.201, 3.202) 14.15 15.45 Coffee break 16.00 Parallel Sessions B (presentation of academic research papers) (Rooms 3.113, 3.201, 3.202) 17.30 End of the Conference first day 19.00 Guided tour in Krakow Centre – Meeting point at the Mickiewicz monument on the Main Square (Rynek Główny) 20.15 Conference Dinner at Wesele Restaurant, Main Square (Rynek Główny), No. 10

Plenary Session - "The value of knowledge and intellectual property: a multidisciplinary view" (Aula Collegium

11.20

## Friday, 22 September 2023

#### Faculty of Management and Social Communication, Jagiellonian University, Łojasiewicza 4 Street, Krakow

	raculty of management and Social Communication, Sagienoman Oniversity, Lojasiewicza 4 Street, Makow
09.00	Parallel Sessions C (presentation of academic research papers) (Rooms 3.113, 3.201, 3.202)
10.30	Coffee break
11.00	Parallel Sessions D (presentation of academic research papers) (Rooms 3.113, 3.201, 3.202)
12.30	Lunch
13.30	Parallel Sessions E (presentation of academic research papers) (Rooms 3.113, 3.201, 3.202)
14.30	Coffee break
15.00	Conclusive Plenary Session on "Non-Financial Information and Its Transformative Power" (Room 0.102 – ground floor)
	Prof. Dr <b>Thorsten Sellhorn</b> , LMU Munich, and IFRS Advisory Council Carbon (In)transparency: a multi-perspective view
	Roundtable on "Responsible Investment and Non-Financial Information in the EU: The Case of Poland"  Tomasz Wiśniewski, Director, Warsaw Stock Exchange (WSE)'s Information Products & Indices Development Department  Piotr Biernacki, EFRAG Sustainability Technical Expert Group (TEG), and Vice-President of the Polish Association of Listed Companies  Joanna Krasodomska, Associate Professor, Department of Financial Accounting, Krakow University of Economics  Robert Adamczyk, Senior Environmental Adviser, EBRD; Supervisory Board, Responsible Business Forum Poland; and former member of the EFRAG Technical Working Group on ESRS (environment)  Chair: Prof. Dr Dominika Hadro, Wroclaw University of Economics and Business, and Conference Co-Chair
16.45	Conferment of the "Best Junior Contribution to the Theory and Practice of Intangibles, IC and Sustainability Award" (Room 0.102 – ground floor)
	Presentation of IXX EIASM Interdisciplinary Conference on "Intangibles, Intellectual Capital, and Sustainability" 2024, Grenoble University (France), 20-21 September 2024, by Prof. Véronique Blum (Grenoble University) (in video connection)

Co-Chairs: Prof. dr Justyna Fijałkowska, University of Social Sciences, Lodz, and Conference Co-Chair

Prof. Stefano Zambon, University of Ferrara and Conference Co-Chair

17.00 End of conference

# Parallel Session A, Thursday, September 21, 2023, 14.15 – 15.45

Sustaina	ustainability & Performance					
ROOM	STREAM	CHAIR	AUTHORS & AFFILIATIONS	PAPER TITLE		
3.201	GENERAL TRACK	Justyna Fijałkowska	OYINLOLA, BLESSING UNIVERSITY OF OULU	DO CEO AND BOARD CHARACTERISTICS MATTER IN THE ESG PERFORMANCE OF THEIR FIRM?		
3.201	GENERAL TRACK		SUPINO, ENRICO UNIVERSITY OF BOLOGNA LORENZO MORDENTI	ARE EXECUTIVE COMPENSATION AND ESG PERFORMANCE REALLY TIED? SOME EVIDENCE FROM WORLDWIDE LISTED COMPANIES		
3.201	GENERAL TRACK		KRASODOMSKA, JOANNA CRACOW UNIVERSITY OF ECONOMICS CHARLES H. CHO, CHAOYUAN SHE, EWELINA ZARZYCKA, DOROTA DOBIJA	SUSTAINABLE DEVELOPMENT GOALS AND DOUBLE MATERIALITY ASSESSMENT: DO STAKEHOLDERS' AND CORPORATE SOCIAL IMAGINARIES CONVERGE?		

ESG Dis	ESG Disclosure and New Technologies					
ROOM	STREAM	CHAIR	AUTHORS & AFFILIATIONS	PAPER TITLE		
3.202	GENERAL TRACK	Dominika Hadro	ABHAYAWANSA, SUBHASH SWINBURNE UNIVERSITY OF TECHNOLOGY KESARA PRABHASHWARY, HEWAGE MARDY CHIAH	UNRAVELING THE NEXUS OF ESG NEWS BASED PUBLIC PERCEPTION, MEDIA ATTENTION, AND STOCK PRICE CRASH RISK		
3.202	GENERAL TRACK		BRYL, LUKASZ POZNAN UNIVERSITY OF ECONOMICS AND BUSINESS	SENTIMENT ANALYSIS OF ESG DISCLOSURE IN SOCIAL MEDIA – WHAT PROVOKES MOST STAKEHOLDERS' REACTIONS?		
3.202	GENERAL TRACK		RAIMO, NICOLA LUM JEAN MONNET UNIVERSITY VITIANA L'ABATE; ANGELA RELLA; FILIPPO VITOLLA	THE USE OF SOCIAL MEDIA IN ITALIAN LOCAL GOVERNMENTS: THE EFFECT OF THE MAYOR'S CHARACTERISTICS		

Challen	Challenges in Intellectual Capital					
ROOM	STREAM	CHAIR	AUTHORS & AFFILIATIONS	PAPER TITLE		
3.113	GENERAL	Paweł Zieniuk	ALONSO, CARLOS JAVIER	INTANGIBLE CAPITAL. THE IMPORTANCE OF SOCIAL (OR		
	TRACK		UNIVERSIDAD CATOLICA	RELATIONSHIP) CAPITAL FOR THE ORGANIZATION.		
			ARGENTINA SANTA MARIA	,		
			DE LOS BUENOS AIRES			
3.113	GENERAL		KUCERA, MARTIN	ANALYSIS OF FACTORS INFLUENCING THE LEVEL OF		
	TRACK		UNIVERSITY OF ECONOMICS	REPORTED INTELLECTUAL CAPITAL: CROSS-NATIONAL AND		
			IN PRAGUE	CROSS-SECTORAL COMPARISON		
3.113	GENERAL		MARZO, GIUSEPPE	DOES THE VALUE ADDED INTELLECTUAL COEFFICIENT		
	TRACK		UNIVERSITY OF FERRARA	(VAIC) ADD VALUE TO THE IC RESEARCH AND PRACTICE?		

## Parallel Session B, Thursday, September 21, 2023, 16.00 – 17.30

Intangib	oles, Intellectual Ca	apital, and Sustain	nability in High-Technology and h	Knowledge Intensive Organisations 1
ROOM	STREAM	CHAIR	AUTHORS & AFFILIATIONS	PAPER TITLE
3.201	"Intangibles, Intellectual Capital, and Sustainability in High-Technology and Knowledge Intensive Organisations"	Daniela Mancini	EVANGELISTA, LUDOVICA PARTHENOPE UNIVERSITY OF NAPLES GIANLUCA RISALITI, TERESA IZZO	PRACTICAL IMPLEMENTATION OF THE EXTENDED VAIC MODEL IN AN ITALIAN RESEARCH TECHNOLOGY CENTRE (RTC)
3.201	"Intangibles, Intellectual Capital, and Sustainability in High-Technology and Knowledge Intensive Organisations"		RASHID, TAHANI UNIVERSITY OF CALABRIA MARIA TERESA NARDO	INSIGHT OF INTELLECTUAL CAPITAL IN THE HEALTHCARE SECTOR: A SYSTEMATIC REVIEW PAPER
3.201	"Intangibles, Intellectual Capital, and Sustainability in High-Technology and Knowledge Intensive Organisations"		LARDO, ALESSANDRA PARTHENOPE UNIVERSITY OF NAPLES DOMENICA LAVORATO	MAPPING IC PROCESSES FOR MEASURING AND CONTROLLING: AN EXPLORATORY STUDY ON KNOWLEDGE-INTENSIVE ORGANIZATIONS

Detecting	etecting information from Sustainability Reporting					
ROOM	STREAM	CHAIR	AUTHORS & AFFILIATIONS	PAPER TITLE		
3.202	"Intangibles, Intellectual Capital, and Sustainability in High-Technology and Knowledge Intensive Organisations"	Łukasz Bryl	CELENZA, DOMENICO UNIVERSITY OF CASSINO AND SOUTHERN LAZIO MARIA CHIARA MURINO, MARTINA BOCCONI, GIOVANNI MAIURI	THE IMPACT OF MEGATRENDS ON STANDARD ESG REPORTING		
3.202	GENERAL TRACK		CISI, MAURIZIO UNIVERSITY OF TURIN NAPOLI, ROBERTA	THE ROLE OF METHODOLOGICAL NOTE IN DETECTING GREENWASHING IN SUSTAINABILITY REPORTING		

3.202	GENERAL TRACK	CAHAYA, FITRA ROMAN	ANTI-CORRUPTION REPORTING PRACTICES BY LISTED
		UNIVERSITY OF ESSEX	STATE-OWNED ENTERPRISES IN INDONESIA: INSIGHTS
		TERRYARDA LAKSA,	FROM COERCIVE ISOMORPHISM AND FUNCTIONALIST
		PERMATA SUPRIYANTO,	PERSPECTIVE
		CORINA JOSEPH,	
		ADITYA PANDU WICAKSONO,	
		SILVIA GAIA	

Intangib	les and Sustainabl	e Development		
ROOM	STREAM	CHAIR	AUTHORS & AFFILIATIONS	PAPER TITLE
3.113	Intangibles, Intellectual Capital, and Sustainability in High- Technology and Knowledge Intensive Organisations	Enrico Supino	MILLER, ISABELLA UNIVERSITY OF PASSAU ROBERT OBERMAIER	THE HIDDEN VALUE OF INTANGIBLES – A CONSTRUCTIVE DE- AND RE-CONSTRUCTION
3.113	GENERAL TRACK		MRÓZ-GORGOŃ, BARBARA WROCLAW UNIVERSITY OF ECONOMICS JUSTYNA FIJALKOWSKA, DOMINIKA HADRO	REBRANDING COMMUNICATION: THE CASE OF POLISH LISTED COMPANIES
3.113	GENERAL TRACK		SANTIAGO, JOANNA LISBON UNIVERSITY SOFIA CANDIA	SOCIAL ENTREPRENEURSHIP TOWARDS SUSTAINABLE DEVELOPMENT: THE CASE OF AMAZON RAINFOREST AND ACE SERVICES SUPPLY

# Parallel Session C, Friday, September 22, 2023, 9.00 – 10.30

Sustaina	Sustainability Reporting & Development						
ROOM	STREAM	CHAIR	AUTHORS & AFFILIATIONS	PAPER TITLE			
3.201	GENERAL TRACK		ZIENIUK, PAWEŁ	CORPORATE SUSTAINABILITY REPORTING DIRECTIVE			
		Abhayawansa	CRACOW UNIVERSITY OF	THROUGH THE EYES OF ACCOUNTANTS: WHAT MULTI-LEVEL			
			ECONOMICS	PRESSURES EXPLAIN THEIR ATTITUDES?			
			EWELINA ZARZYCKA,				
			JOANNA KRASODOMSKA				
3.201	GENERAL TRACK		ROZANSKA, EWA	ACCOUNTING POLICY FOR SUSTAINABILITY DISCLOSURES			
			POZNAN UNIVERSITY OF				
			ECONOMICS AND BUSINESS				
			MATUSZAK, LUKASZ				
3.201	GENERAL TRACK		BAUER, THOMAS	FORECASTING LOCATION BASED CARBON FOOTPRINT FOR			
			BADEN-WUERTTEMBERG	CONGRESSES / EVENTS			
			COOPERATIVE STATE				
			UNIVERSITY RAVENSBURG				
			VALERIE I. GRIMM				

Intangik	oles, Intellectual Ca	pital, and Sustail	nability in High-Technology and k	Cnowledge Intensive Organisations 2
ROOM	STREAM	CHAIR	AUTHORS & AFFILIATIONS	PAPER TITLE
3.202	"Intangibles, Intellectual Capital, and Sustainability in High-Technology and Knowledge Intensive Organisations"	Alessandra Lardo	CELENZA, DOMENICO UNIVERSITY OF CASSINO AND SOUTHERN LAZIO ANTONIO ROSSI, STEFANO SCERRATO	THE CASE OF RIGHTS TO SPORTING PERFORMANCES OF PROFESSIONAL PLAYERS
3.202	"Intangibles, Intellectual Capital, and Sustainability in High-Technology and Knowledge Intensive Organisations"		CELENZA, DOMENICO UNIVERSITY OF CASSINO AND SOUTHERN LAZIO ANNA TURCHETTA, GIOVANNI MAIURI	THE VALUATION OF HUMAN CAPITAL IN A RESEARCH DEPARTMENT
3.202	"Intangibles, Intellectual Capital, and Sustainability in High-Technology and Knowledge Intensive Organisations"		MARTOS MARTÍNEZ, CLARA UNIVERSITY OF JAÉN MARTA MUÑOZ GUARASA	INTELLECTUAL CAPITAL: KEY HUMAN CAPITAL FACTORS FOR INTERNATIONALISATION

Intangib	oles, Intellectual Ca	apital, and Sustain	ability in High-Technology and I	Knowledge Intensive Organisations 3
ROOM	STREAM	CHAIR	AUTHORS & AFFILIATIONS	PAPER TITLE
3.113	"Intangibles, Intellectual Capital, and Sustainability in High- Technology and Knowledge Intensive Organisations"	Daniela Mancini	DE NICOLA, MANUEL UNIVERSITY OF TERAMO UMAIR ANEES	MEASURING CORPORATE REPUTATION IN AEROSPACE INDUSTRY
3.113	"Intangibles, Intellectual Capital, and Sustainability in High- Technology and Knowledge Intensive Organisations"		HOLOPAINEN, RIIKKA UNIVERSITY OF EASTERN FINLAND RIIKKA HOLOPAINEN, KANG LI, ESA HILTUNEN, SARI RISSANEN	SUSTAINABILITY REPORTING RELATED TO THE PROFITABILITY OF HEALTHCARE COMPANIES IN ASIA, EUROPE, AND THE UNITED STATES
3.113	"Intangibles, Intellectual Capital, and Sustainability in High- Technology and Knowledge Intensive Organisations"		GARCIA, CLEMENCE GAKUSHUIN UNIVERSITY JANICE DENONCOURT, ALBERTO QUAGLI	DISCLOSURE PATTERNS OF INTANGIBLES IN THE PHARMACEUTICAL INDUSTRY: IMPLICATIONS FOR CORPORATE DIGITAL REPORTING IN XBRL

## Parallel Session D – Friday, September 22, 2023, 11.00 – 12.30

Sustaina	Sustainability Management & Evaluation				
ROOM	STREAM	CHAIR	AUTHORS & AFFILIATIONS	PAPER TITLE	
3.201	"Intangibles, Intellectual Capital, and Sustainability in High-Technology and Knowledge Intensive Organisations"	Enrico Supino	LOPEZ, JEAN CLAUDE UNIVERSITY OF VERSAILLES ST QUENTIN ANNE GOUJON-BRIGHIT, HÉLÈNE SARFATI-LEDUC, MYRIAM MUET	THE TERRITORIAL SOCIAL RESPONSIBILITY (TSR) AS A KEY TO CREATE RESPONSIBLE VALUE: THE CASE OF FASHION IN WESTERN FRANCE.	
3.201	GENERAL TRACK		TITOVA, NELLIJA RISEBA – UNIVERSITY OF APPLIED SCIENCE, VALERIJA KOZLOVA	STRATIFICATION AND ADVANCEMENT OF THE SUSTAINABILITY ASSESSMENT AND EVALUATION IN EU COUNTRIES	
3.201	GENERAL TRACK		BAUMÜLLER, JOSEF VIENNA UNIVERSITY OF TECHNOLOGY OTTO ALTENBURGER	THE E-LIABILITY METHOD: A USEFUL TOOL FOR SUSTAINABILITY MANAGEMENT CONTROL?	

Sustaina	Sustainability Reporting & Performance				
ROOM	STREAM	CHAIR	AUTHORS & AFFILIATIONS	PAPER TITLE	
3.202	GENERAL TRACK	Ewa Różańska	DENONCOURT, JANICE NOTTINGHAM TRENT UNIVERSITY, NOTTINGHAM BUSINESS SCHOOL	COMPLEX TECHNOLOGY: ADVANCING CORPORATE DISCLOSURE NORMS FOR NON-FINANCIAL INFORMATION	
3.202	GENERAL TRACK		LI, KANG UNIVERSITY OF EASTERN FINLAND RIIKKA HOLOPAINEN, ESA HILTUNEN	THE STUDY OF SUSTAINABILITY REPORT DISCLOSURE AND ITS INFLUENCE ON FIRM PERFORMANCE: EVIDENCE FROM FINNISH LISTED COMPANIES	
3.202	GENERAL TRACK		NICOLÒ, GIUSEPPE UNIVERSITY OF SALERNO GIOVANNI ZAMPONE, GIUSEPPE SANNINO, PAOLO TARTAGLIA POLCINI	DOES SDG DISCLOSURE ENHANCE ANALYST FORECAST QUALITY? EVIDENCE FROM ITALY	

## Parallel Session E, Friday, September 22, 2023, 13.30 – 14.30

Intangib	Intangibles, Intellectual Capital, and Sustainability in High-Technology and Knowledge Intensive Organisations 4				
ROOM	STREAM	CHAIR	AUTHORS & AFFILIATIONS	PAPER TITLE	
3.201	"Intangibles, Intellectual Capital, and Sustainability in High-Technology and Knowledge Intensive Organisations"	Nicola Raimo	MANCINI, DANIELA UNIVERSITY OF TERAMO PALMIRA PIEDEPALUMBO	TECHNOLOGY TRANSFER AS THE CREATION OF PUBLIC VALUE. AN ANALYSIS OF THE ITALIAN UNIVERSITIES' "PIAO"	
3.201	"Intangibles, Intellectual Capital, and Sustainability in High-Technology and Knowledge Intensive Organisations"		DE NICOLA, MANUEL UNIVERSITY OF TERAMO SARA FRATINI	INTELLECTUAL CAPITAL DISCLOSURE OF ITALIAN UNIVERSITIES: AN EXPLORATORY ANALYSIS OF THE HUMAN CAPITAL DIMENSION IN THE PIAOS	

Social In	Social Impact & Communication				
ROOM	STREAM	CHAIR	AUTHORS & AFFILIATIONS	PAPER TITLE	
3.202	GENERAL TRACK	Paweł Zieniuk	DAMAVANDI, SARA "G. D'ANNUNZIO" CHIETI- PESCARA UNIVERSITY LAURA BERARDI, LAURIE MOOK	BLOCKCHAIN TECHNOLOGY ON FOOD RECOVERY AND SOCIAL IMPACT IN AND VOLUNTEER DISTRIBUTION MANAGEMENT SECTOR: THEORETICALLY EXPLORING ADOPTION BARRIERS. (DEMATEL METHOD)	
3.202	GENERAL TRACK		GRZYBEK, OLGA UNIVERSITY OF ECONOMICS IN KATOWICE	BUSINESS COMMUNICATION STRATEGIES DURING RUSSIA'S 2022 INVASION OF UKRAINE AS A TOOL FOR REPUTATIONAL THREAT MITIGATION.	

Challenges in non-financial reporting				
ROOM	STREAM	CHAIR	AUTHORS & AFFILIATIONS	PAPER TITLE
3.113	GENERAL TRACK	Łukasz Bryl	FRYCZAK, JAN TECHNICAL UNIVERSITY OF LODZ	TYPES OF CHANGES IN COMPANIES ON THE BASIS OF THE ANALYSIS OF LETTERS TO SHAREHOLDERS – LEXICONS OF STRATEGIC CHANGES
3.113	GENERAL TRACK		BYRSKA, MILENA ANETA WARSAW SCHOOL OF ECONOMICS	THE PRACTICE OF MANDATORY NON-FINANCIAL REPORTING IN THE FRAMEWORK OF EXECUTIVE GENDER DIVERSITY