CyBureau
The Cyber Empowerment Center

Tal Pavel, PhD
CyBureau
Academia, Media, Research

Bio

- Founder and CEO – **CyBureau** - The Cyber Empowerment Center, Romania, Israel
- Head of Cybersecurity Studies – Information Systems Program, School of Economics and Management, the Academic College of Tel Aviv-Yaffo
- Lecturer at several academic institutions in Israel
- Lecturer and researcher of Internet, cyber security, cyber threats and cyber policy
- Holds a PhD in Middle Eastern Studies from Bar-Ilan University, Israel (dissertation: "Changes in Governmental Restrictions over the Use of Internet in Syria, Egypt, Saudi Arabia and the United Arab Emirates between the Years 2002 – 2005")
- Keynote speaker at international conferences; has been interviewed as an expert cyber commentator on all major Israeli media outlets

Resume

Owner of CyBureau S.R.L. (Romania) – CUI 40704021 / 27 February 2019

CyBureau S.R.L. has signed collaboration agreements:

Institution	State	Legal Representative	Title	Date
Ovidius University of Constanta (OUC)	Romania	Professor Sorin Rugina	Rector	11 September 2018
West University of Timisoara (UVT)	Romania	Professor Marilen Pirtea	Rector	23 January 2019
College of Economics and Computer Science (WSEI)	Poland	Dr. Stanislaw Kowalski	Rektor	15 May 2019
Tehnopol Galati Association	Romania	Ionut Razvan Mocanu	General Manager	2 December 2019

Education
- PhD in Middle Eastern Studies - Bar-Ilan University
- MA in Middle Eastern Studies - The Hebrew University of Jerusalem
- BA in in Middle Eastern Studies - The Hebrew University of Jerusalem

Expertise and Research Areas
- Lecturer and researcher of Internet, cyber security, cyber threats and cyber policy

Academic Teaching
Current –
- The Academic College of Tel Aviv-Yaffo, Israel
    - o **Head of Cybersecurity Studies** – Information Systems Program, School of Economics and Management
    - o **Lecturer** – Information Systems Program, School of Economics and Management
        - Introduction to Information Security
        - Terrorism and Cyberspace
        - Social Aspects in Cyberspace

- ▪ **Tutor** – Seminars, Cyber and Information Systems
- ▪ **Manager** – CTF Cyber challenge operated by Check Point with participation of students from RMIT (Australia) and Harbin Institute of Technology (China)
- College of Management Academic Studies
  - o **Lecturer** - The School of Business Administration
    - ▪ Information and Cyber Security (MA course)
    - ▪ Start-Up and technologies – New threats (MA Course)
- IDC Herzliya, Israel
  - o **Cybersecurity Workshop manager** – MA in Counterterrorism and Homeland Security, Lauder School of Government, Diplomacy and Strategy

Past –
- The Kinneret College on the Sea of Galilee, Israel
  - o **Lecturer** – Department of Communication Studies (The digital and Cyber Space – Course and workshop)
  - o **Lecturer** – Department of Software Engineering (Cyberspace: Features and Challenges – seminar)
- The Western Galilee College, Israel
  - o **Lecturer** – School of management (Introduction to Management Information Systems – course)

Publications

Baram, G., Paikowsky, D., Pavel, T., & Ben-Israel, I. (2017, January). Trends in Government Cyber Security Activities in 2016. *SSRN Electronic Journal*. Retrieved from https://www.researchgate.net/publication/323331634_Trends_in_Government_Cyber_Security _Activities_in_2016

Gafni, R., & Pavel, T. (2019). The invisible hole of information on SMB's cybersecurity. *Online Journal of Applied Knowledge Management (OJAKM), 7*(1), 14-26. Retrieved from http://www.iiakm.org/ojakm/articles/2019/OJAKM_Volume7_1pp14-26.php

Gafni, R., Pavel, T., Margolin, R., & Weiss, B. (2017). Strong password? Not with your social network. *Online Journal of Applied Knowledge Management, 5*(1). Retrieved from http://www.iiakm.org/ojakm/articles/2017/volume5_1/OJAKM_Volume5_1pp27-41.pdf

Mor, A., Pavel, T., Radlauer, D., & Shahar, Y. (2009). *Casualties in Operation Cast Lead: A Closer Look.* The Interdisciplinary. Retrieved from http://www.ict.org.il/Portals/0/Articles/ICT_Cast_Lead_Casualties-A_Closer_Look.pdf

Pavel, T. (2009). *Hamas Casualties from "Operation Cast Lead " Initial Findings and Conclusions.* International Institute for Counter-Terrorism. The Interdisciplinary Center Herzliya. Retrieved from https://www.ict.org.il/images/ICT-Hamas_Casualties_Operation_Cast_Lead.pdf

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Pavel, T. (2009, January 15). Operation 'Cast Lead' in the light of Hamas websites. *BESA Center Perspectives Paper No. 58*. Retrieved from https://besacenter.org/perspectives-papers/iaoo-oaoou-eoa%c3%b7a-aoae-auoe-acian/

Pavel, T. (2009, July 26). The power of 140 characters: Twitter in the Middle East. *Tel Aviv Notes, 26*.

Pavel, T. (2010, Fenruary). The Internet in Iran: More Freedom in the Country? *Strategic Assessment, 12*(4), pp. 21-35. Retrieved from https://www.inss.org.il/publication/the-internet-in-iran-more-freedom-in-the-country/

Pavel, T. (2012). *Social Protest and Social Networks.* Jerusalem: Parliamentary Center of Research and Information [Hebrew]. Retrieved from https://main.knesset.gov.il/Documents/mmm-social.pdf

Pavel, T. (2013, June). Arab Media in Israel. *Annual Report: The Israeli Media in 2012: Agendas, Uses and Trends*, pp. 97-102. Retrieved from http://newsite.aunmedia.org/wp-content/uploads/2017/11/mediareport2012.pdf

Pavel, T. (2017). Physical Threats in Online Worlds – Technology, Internet and Cyber under Terror Organization Services; a Test Case of "The Islamic State". *International Journal of Information Security and Cybercrime (IJISC), 6*(1), 73-82. Retrieved from https://www.ijisc.com/year-2017-issue-1-article-9/

Pavel, T. (2018, April 26). "I Don't Want Blood on My Code": Western Technology Serving Middle Eastern States. *Beehive: Middle East Social Media*, pp. 9-12. Retrieved from https://dayan.org/content/i-dont-want-blood-my-code-western-technology-serving-middle-eastern-states

Pavel, T. (2019). From Fake News to Virtual Reality: Fake News and Digital Manipulations at the Age of Modern Technology. *CECC 2019: Proceedings of the Third Central European Cybersecurity Conference*, (pp. 1-1). Retrieved from https://dl.acm.org/doi/abs/10.1145/3360664.3361145

Pavel, T. (2020). Cyber Education as a Social Responsibility. *15th IRDO Conference on Social Responsibility.* Maribor. Retrieved from http://www.irdo.si/irdo2020/referati/a3-4-tal.pdf

Pavel, T. (2020). Cyber Insurance Market in Israel – What is the Official Policy? In L. T. Onwubiko C. (Ed.), *2020 International Conference on Cyber Situational Awareness, Data Analytics and Assessment (CyberSA)* (pp. 201-206). Dublin: IEEE. Retrieved from https://ieeexplore.ieee.org/document/9139722

Pavel, T. (2020, June). Israel's Cyber Diplomacy–Looking for Israel's Cyber Ambassador. *Diplomacy & Intelligence, 14*, 208-216. Retrieved from http://www.strategiiaplicate.ro/wp-content/uploads/2020/07/Revista-CSA-14-iunie-2020.pdf?fbclid=IwAR3OwxrMHGBQjoKAlvp_ipFYNaDbfxI4mBbo50tWWsk6q7QVP0RXLxFflVA

Pavel, T., & Yanarocak, H. E. (2018, May). Turkey's Test with Cyberspace. *Turkey Scope, 2*(6), 1-5. Retrieved from https://s3.amazonaws.com/academia.edu.documents/56569272/turkeyscope_2018_may_0.pdf?response-content-disposition=inline%3B%20filename%3DTurkey_s_Test_with_Cyberspace.pdf&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=ASIATUSBJ6BADH3OHEOJ%2F20200520%2Fu

Research Activities

- Editorial member, iReasech (Society for Information Research and Studies), India
- Member of the Scientific Council, Romanian Forensic Association, Romania
- The Third Central European Cybersecurity Conference – CECC 2019 – Program Committee member
- Fellow and Distinguished Scholar – International Institute for Applied Knowledge Management, 2019

Editor-in-chief

- "iResearch International: A Journal of Information Management", Vol. 6 No.1, August 2020, (ISSN 2278 - 9731)

Advisory Board

- International Conference on Electrical, Electronics and Signal Processing ICEESP 2021
- International Conference on Recent Challenges in Engineering and Technology – 20-21 November 2021, New York, USA
- 2nd International Conference on Advancing Knowledge from Multidisciplinary Perspectives in Engineering & Technology – 25-26 March 2021, Istanbul, Turkey
- Advisory Member for the Advisory Board of Covert Overt Intelligence Solutions, COVINTS, (Defense company), India

Program Committee member

- The Third Central European Cybersecurity Conference – CECC 2019 – 15-15 November 2019, Munich, Germany
- European Interdisciplinary Cybersecurity Conference – EICC 2020 – 18-19 November 2020, Rennes, France

Membership

- INCOSE_IL - The Israeli Chapter for Systems Engineering
- Member, Romanian Forensic Association (Nr. 4290), Romania
- Associated Expert, New Strategy Center, Romania
- Academic Advisor, Cyber Security Research Center, Turkey
- Research Fellow, International Institute for Counter-Terrorism (ICT), Israel

Awards

- Best Research Paper Award – Knowledge Management Conference 2019 – Warsaw, Poland ("The Invisible Hole of Information on SMB's Cybersecurity")

Media Activity

- Interviewee and expert commentator on all media outlets in Israel
- Publication of hundreds of articles in a variety of news websites in Israel
- Editor-in-chief of Middleeaternet.com for Internet and cyber threats, which has been active for a decade, with more than 1,500 articles

Professional Experience

- 15 years of experience in the field of Information Technology, with an emphasis on Systems Analysis

Speaker
- Keynote speaker at conferences, seminars, and for a wide range of government and business customers around the world

Researchers Networks
- Orcid - 0000-0002-4046-0867
- Academia.edu - https://mta-il.academia.edu/TalPavel
- Semantic Scholar - https://www.semanticscholar.org/author/Tal-Pavel/114210411
- Kudos - https://www.growkudos.com/profile/tal_pavel

Conferences and webinars

Date	Event	Title	City	State	Organizer
9 July 2020	Freedom and Authenticity - 2nd International Interdisciplinary Conference	Disinfodemic: Fake news at the age of coronavirus	Gdansk (Online)	Poland	InMind Support
9 July 2020	Information management	Cybercrimes in the coronavirus era	Bucharest (Online)	Romania	Center for Applied Strategies
7 July 2020	The 7th Webinar of NetSeries@HYSEA	Cyber Security in the COVID Era	Hyderabad (Online)	India	Hyderabad Software Enterprises Association

Date	Conference	Topic	Location	Country	Organizer
2 July 2020	Knowledge Management Conference - 2020	The Invisible Hole of Cybersecurity Insurance Services	Lisbon (Online)	Portugal	The International Institute for Applied Knowledge Management (IIAKM)
1 July 2020	18th Annual MEITAL Conference	Israel's Cyber Education Policy	Tel Aviv (Online)	Israel	MEITAL - Inter-University Center for E-learning
15 June 2020	IEEE Cyber Security 2020 Conference	Cyber Insurance Markey in Israel – What is the Official Policy?	Dublin (Online)	Ireland	Centre for Multidisciplinary Research, Innovation and Collaboration (C-MRiC)
13 June 2020	Rise of Fake News in the Digital Era: Ways to Combat - Webinar	Fake News and Digital Manipulations at the Age of Modern Technology	Guragon (Online)	India	Ansal University
8 June 2020	3rd International Interdisciplinary Conference "Racism, Nationalism and Xenophobia"	Right-wing terrorists: Lone pack wolves	Gdansk (Online)	Poland	InMind Support
4 June 2020	15th IRDO International Scientific and Business Conference	Cyber Education as a Social Responsibility	Maribor (Online)	Slovenia	IRDO International Scientific and Business Conference
28 May 2020	QQML2020 12th Qualitative and Quantitative Methods in	How deep the web is?	Barcelona (Online)	Spain	Qualitative and Quantitative Methods in Libraries

	Libraries International				
28 May 2020	VERA Conference "Know Your Rights": Marginalities, Minorities and the Travails of Democracy	Fake News and Religious and Political Manipulation of Minorities at the Age of Coronavirus	Joensuu (Online)	Finland	The University of Eastern Finland
25 May 2020	Zoom on Economy - Webinar	Cybercrimes in the coronavirus era	Tel Aviv (Online)	Israel	Tel Aviv Academic College
14 May 2020	COVID-19 and Increasing Cyberattacks - Assessing the Various Vectors of Increasing Cyber Threats - Webinar	Cybercrimes in the coronavirus era	Bengaluru (Online)	India	Covert Overt Intelligence Solutions (COVINTS)
27 November 2019	Cyber war meet-up	War at the Cyber space – Unique characteristics	Tel Aviv	Israel	Tel Aviv Academic College
21 November 2019	Cyber and communication networks	Digital citizens – advantages and disadvantages	Dead Sea	Israel	Academic Engineering Knowledge Foundation
14–15 November 2019	Central European Cybersecurity Conference (CECC) 2019	Fake news and digital manipulations at the age of modern technology	Munich	Germany	ZITIS (Germany), University of Maribor (Slovenia)
5-7 November 2019	Littoral Op Tech –East Med Workshop	Cyber awareness – What do you need to know and implement	Chania, Crete	Greece	NATO Maritime Interdiction Operational

					Training Centre (NMIOTC)
15 October 2019	[Security Challenges in the Balkans Region](#)	Fake news - Real influence	Timișoara	Romania	New Strategy Center
7 October 2019	[The New Global Challenges in Cyber Security - #certcon9](#)	Cyber awareness – What do you need to know and implement	Bucharest	Romania	CERT-RO
4 October 2019	[The 5th edition of the Science and Research on the Danube - 2019](#)	5 Trends – 5 Threats	Galati	Romania	Tehnopol Galati Association
24 September 2019	International Forensic Symposium	Virtual Reality – New technologies, New threats	Bucharest	Romania	Asociatia Criminalistilor din Romania
11 September 2019	Open lecture	Introduction to Cyberspace	Petach Tikva	Israel	Petach Tikva College
4 September 2019	[29th Economic Forum – 2019](#)	10 (+44) commandments for Cyber nation	Krynica Zdrój	Poland	Economic Forum
27 June 2019	Knowledge Management Conference - 2019	"The Invisible Hole of Information on SMB's Cybersecurity" (Best Research Paper Award)	Warsaw	Poland	International Institute for Applied Knowledge Management
25 June 2019	35th Annual Meeting of the Association for Israel Studies	Fake News: Hybrid warfare – Cyber threats in physical worlds	Kinneret College on the Sea of Galilee	Israel	Association for Israel Studies
24 May 2019	[Managementul informațiilor](#)	Cyberspace – The enemy within	Bucharest	Romania	Centrul de Strategii Aplicate

23 May 2019	International Forensic Symposium	Cybersecurity and the weakness of the human factor	Bucharest	Romania	Asociatia Criminalistilor din Romania
15-16 April 2019	Innovation Forum	Israel Cyber Ecosystem	Tarnow	Poland	Economic Forum
4 April 2019	"Crisis of Trust - Lies and Truths in the Media"	Panel – Fake News	Kinneret College on the Sea of Galilee	Israel	Kinneret College on the Sea of Galilee
24-25 January 2019	12th Europe-Ukraine Forum	Digital Manipulation, Physical Threats	Rzeszow	Poland	Economic Forum
9 October 2018	Security Challenges in the Balkans Region	Cyberspace: The New Battlefield of the Next Wars	Timisoara	Romania	New Strategy Center, West University of Timisoara
8 October 2018	Cybersecurity master class - MA students from Faculty of Political Sciences, Philosophy and Communication Studies	Terrorism and Cyberspace - Ancient ideology, modern body	Timisoara	Romania	West University of Timisoara
6 October 2018	Codecamp Timisoara	Cyberspace - Characters and Challenges	Timisoara	Romania	codecamp.ro
12-14 September 2018	6th Central European Cybersecurity Congress	Terrorism and Cyberspace	Sibiu	Romania	Swiss Web Academy
4-6 September 2018	28th Economic Forum - 2018	Social engineering - From my own experience	Krynica Zdrój	Poland	Economic Forum

15 June 2018	Ovidius University of Constanta	Social engineering and fake news	Constanța	Romania	Ovidius University of Constanta
14-16 June 2018	Black Sea and Balkans Security Forum 2018	Cyber warfare - Expect the unexpected	Constanța	Romania	New Strategy Center
4 April 2018	Bahçeşehir University - academicians and master students	Social engineering	Istanbul	Turkey	Bahçeşehir University
3 April 2018	CSRC-Global	Introduction to Cybersecurity	Istanbul	Turkey	CSRC-Global
12-13 March 2018	INTV2018	Online Fake News - Digital mind manipulation by terrorists, organizations and states	Jerusalem	Israel	Keshet Media Group
3 November 2017	Security challenges in South-East Europe	Social Engineering - The human factor and the Cyber Space	Iasi	Romania	New Strategy Center
8-9 June 2017	Black Sea and Balkans Security Forum 2017	Cyber Jihad – Physical threats in online worlds	Constanța	Romania	New Strategy Center

Personal Information

Year of Birth	1967	Email	Tal@Cybureau.org
Languages	Hebrew, English, French, Arabic, Persian	Mobile phone	Israel - +972-52-525-8985 Romania - +40 747 945 211

Professional Experience

2019 -	CyBureau S.R.L.	Owner
The Cyber Empowerment Center (Romania) – CUI 40704021 / 27 February 2019		
2011 -	**Middleeasternet**	Owner
Expert and researcher of Internet and Cyber Threats in the Middle East and the entire world		
2011 - 2010	Terrogence (OSINT)	Technology manager and senior analyst
Designing the company's technology path; producing design review; finding software vendors, tools and products that will serve the company's activities; carrying out in-depth researches in a wide range of topics of the company's activities		
2010 - 2009	Software companies – Freelancer	Senior systems analyst
Management of a full-life cycle of an Information Technology project		
2009 - 2006	Bank Leumi, United Mizrahi-Tefahot Bank	Senior systems analyst and project manager
Leading, analysis and management of processes in several topics, including: Foreign Trade, Sub Custody, Securities, RTGS, Credits, Commissions, Risk Management.		
2004 - 2006	Mercantile Bank	Systems analyst and product manager
Product manager - Clearing (Imaging), Carousel, Draft Portfolio, Direct Debits & Transfer		
2001 - 2003	Hurricane (Banking)	Systems analyst
Leading Information Technology processes and management of customer relations		
2000	Rosenet (Internet)	Senior systems analyst, project manager
Leading Information Technology processes and management of customers relations		
1994 - 2000	Mercantile Bank	Head of E.D.I. Service, Foreign Trade Department
Leading Information Technology processes		

Education

Years	Degree	Academic Institution	Department

2004 – 2007	PhD	Bar-Ilan University	Middle Eastern Studies – "Changes in Governmental Restrictions over the use of Internet in Syria, Egypt, Saudi Arabia and the United Arab Emirates between the Years 2002 – 2005".
1996 – 2003	MA	The Hebrew University of Jerusalem	Middle Eastern Studies – "The image of the Hizballah Organization as reflected through their Internet Sites"
1990 – 1992	BA	The Hebrew University of Jerusalem	Middle Eastern Studies

Training and Courses

Field	Course
Project Management	Project Management, Visio, MS Project, ActionBase, Quality Center
System Analysis	342 hours course in System Analysis (UML)
Information Security	40 hours course in Chief Information Security Officer (CISO)
Databases	Oracle DBA
SAP	PM, SD, FI, MM, SBO modules
Succession Planning – Banking	800 hours course – Mercantile Bank

Certification
1. Project Management
2. Certified System Analyst - CSA
3. Oracle DBA
4. Chief Information Security Officer - CISO
5. ICDL Core Certificate

Research Institutes and Think Tanks
- Research fellow - The Blavatnik Interdisciplinary Cyber Research Center (ICRC), Tel Aviv University

- Research fellow – [The Yuval Ne'eman Workshop for Science, Technology and Security, Tel Aviv University](#)
- Research fellow – [Institute for Counter-Terrorism (ICT), the Interdisciplinary Center (IDC) Herzliya](#)
- Research fellow – [Cyber Security Research Center](#), Turkey
- Associated expert – [New Strategy Center](#), Romania

List of Lectures

Module 1: The Internet, Cyberspace

1. The Internet: How It All Started?
2. Social networks around the world
3. Anonymity and Privacy in the Face of Google and Facebook
4. The Cyber Space, Features and Challenges
5. The Good, Bad and Ugly About the Crowd Wisdom
6. Cyberbullying
7. IoT
8. Cyber Society

Module 2: Cyber Threats

9. Major Cyber Incidents in History
10. Cyber Space and the Modern State
11. Major Cyber Space Players Nowadays
12. The Cyber Space and Modern Organization
13. Anonymous: Features and Actions
14. WikiLeaks and Who is Behind It
15. Shedding light in the Darknet
16. Bitcoin and Crypto currencies
17. Cybercrime
18. Cyber Health Threats
19. Security Forces and the Internet, Opportunities and Threats
20. Information Gathering and Management in the Online Age
21. Cybercrimes in the coronavirus era

Module 3: Introduction to Information Security

22. Introduction to Information Security
23. Information Governance
24. Information Security vs. Information Assurance
25. BCP / DRP
26. Cyber-attacks – DDoS, Buffer Overflow, Zero-Day Attack, MitM, Brute Force Attack, Dictionary Attack
27. Cryptography – Asymmetric Cryptography over the History
28. Digital Zoo: Trojan Horses, Worms, and Viruses
29. Social Engineering
30. Cyber Hygiene

Module 4: The Internet in Israel and the Middle East

31. Israel and Cyber Space
32. Internet and New Technologies in the Middle East
33. Islam and Internet
34. Facebook Revolution and Arab Spring
35. BDS: The Online Aspects of the Anti-Israeli Delegitimizing Campaign
36. Cyber-Security Legislation in Israel and Worldwide

Module 4: Cyber Terrorism

37. Physical Threats in Virtual Worlds
38. The Visual Language of Terrorism
39. Online Psychological Warfare
40. Lone Wolves Right-Wing Terrorists