



Counter-terrorism

3037/2025/WEB 'Online detection and prevention of radicalisation'

Webinar



27 NOV 2025

14:00-15:30 CET



CEPOL

EUROPEAN UNION AGENCY FOR
LAW ENFORCEMENT TRAINING



This webinar is only for EU law enforcement officials. Content/slides are not to be released outside EU law enforcement.



1. Welcome and Housekeeping rules by CEPOL
2. Introduction by CKC CT
3. Presentation by Professor of Criminology and Sociology of Deviance at Sapienza University of Rome
4. Q&A and closing

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Arije ANTINORI, PhD

Professor of Criminology

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PhD in Criminology for Investigation and Security

PhD in Communication and Media Studies

EU Senior Expert on VE, Terrorism and HRCNs | Disinfo and FIMI Expert

(EENeT, ECTC-AN, EPE, CEPOL, EU KH, EUROMED, EDOH, ERCOR)

Stratcomms / AI Senior Leading Expert @ EU Knowledge Hub on Prevention of Radicalisation

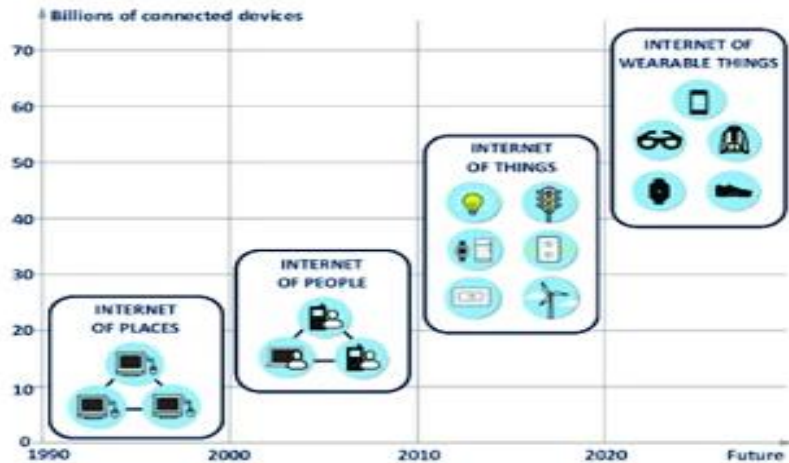
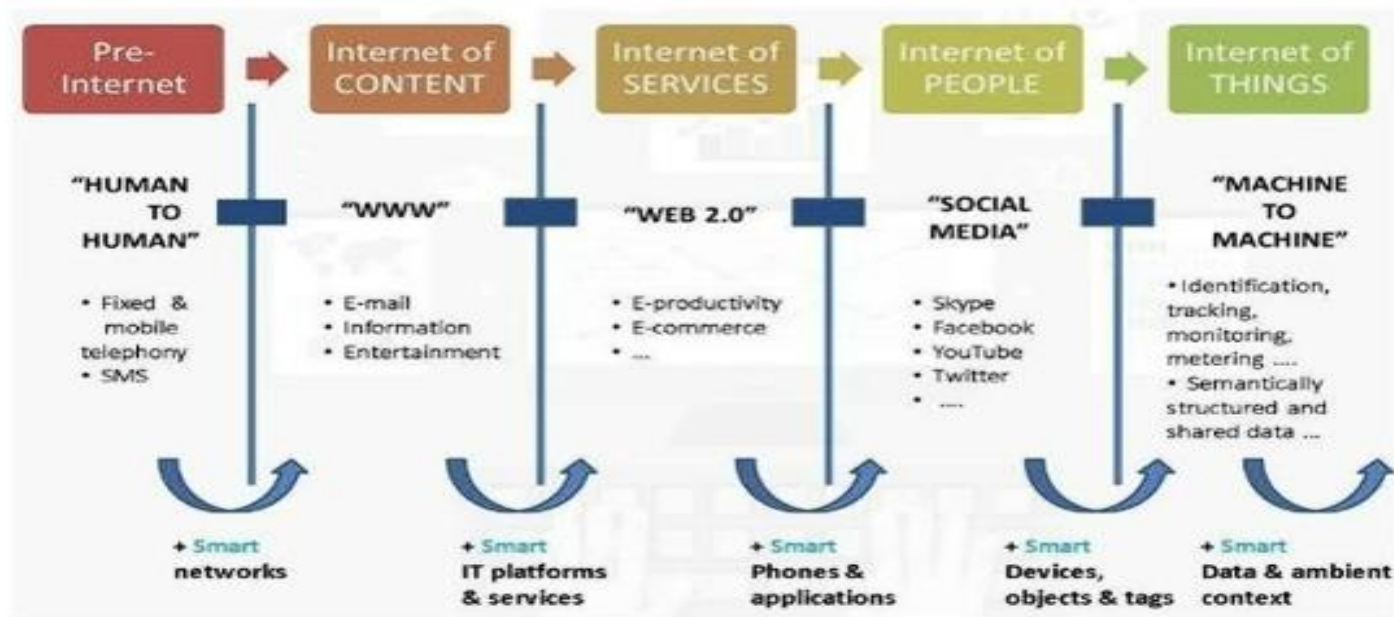
Co-Chair of the Stratcomms Working group @ CT INFLOW II CEPOL EMISA

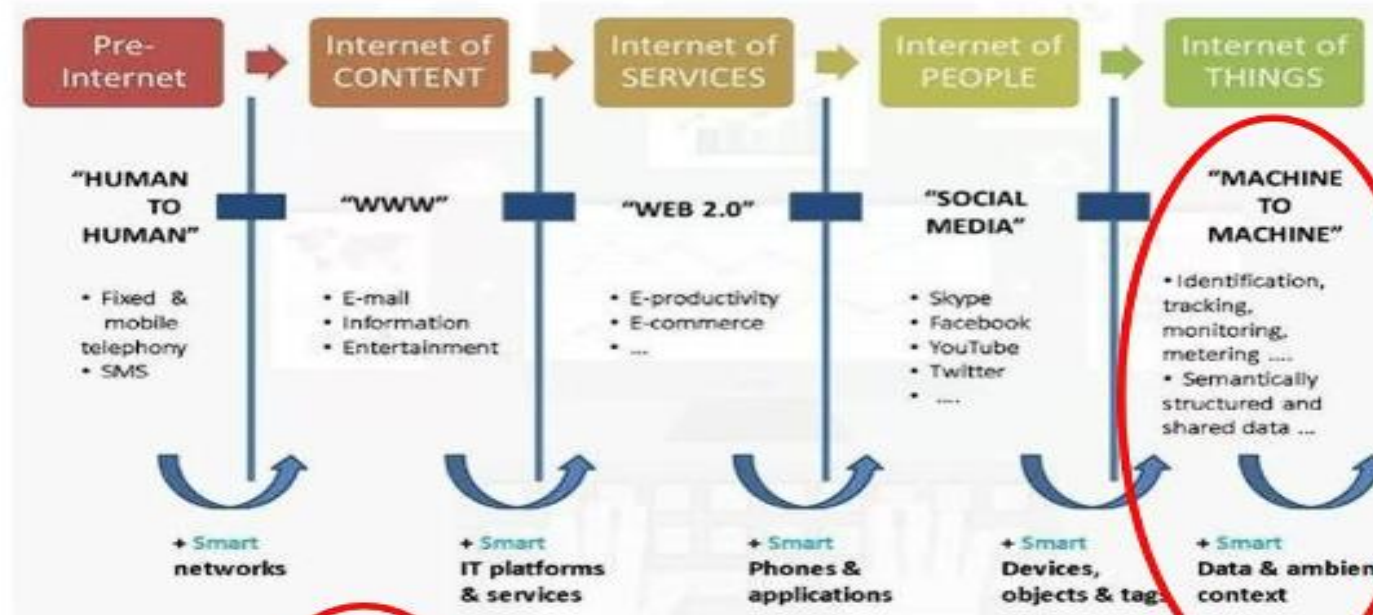
Geopolitics and OSINT Trainer

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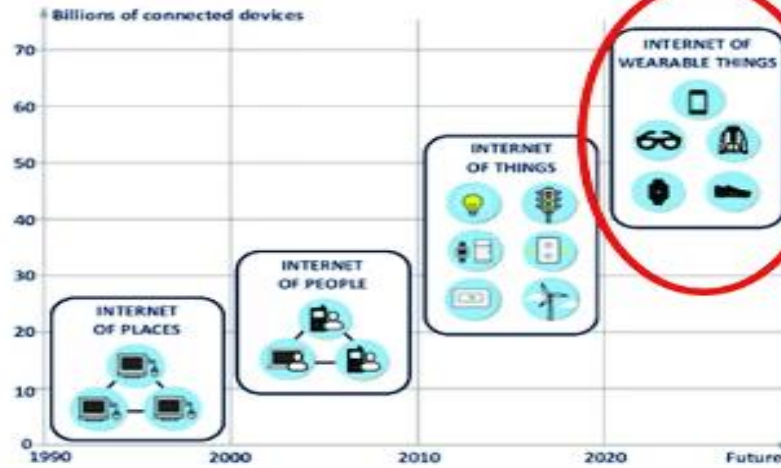
ONLINE DETECTION AND PREVENTION OF RADICALISATION

RADICALISATION



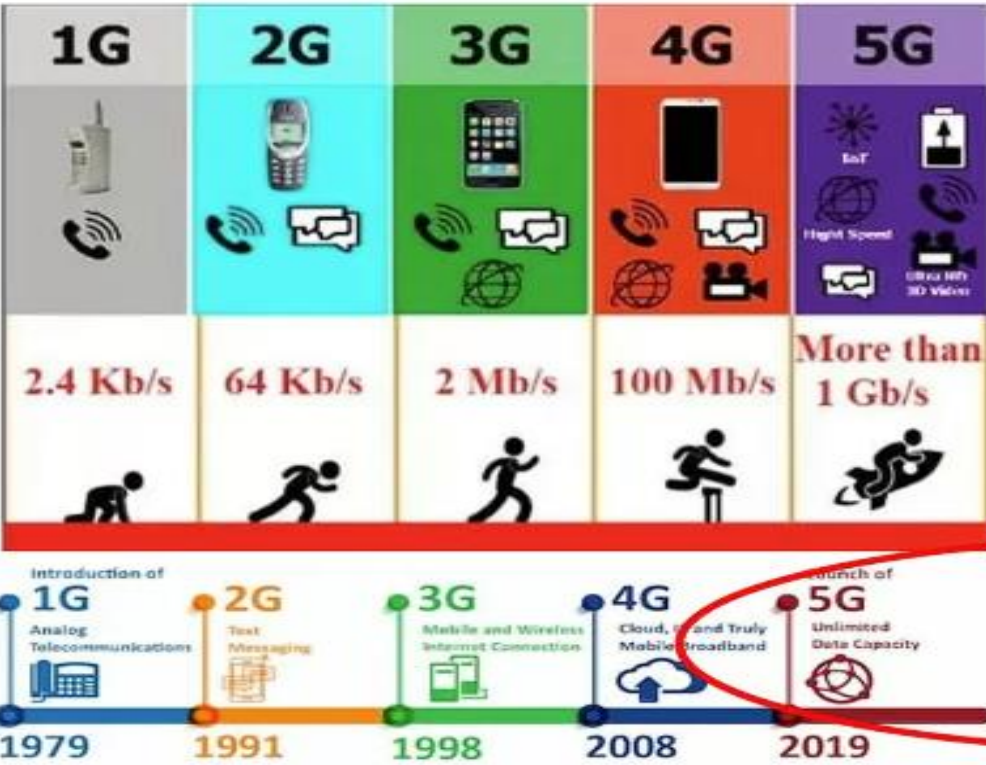


- + AI
- Synthetic Persona
- Synthetic Entities
- AI Clones
- AI-Bots



= omni-vulnerability





Mobile communications: from 1G to 5G

Generation	Device	Specifications
1G		1G Year: 1979 Standard: NITP, IS-136 Technology: Analog Bandwidth: 30 kHz
2G		2G Year: 1991 Standard: GSM, IS-136, IS-54, IS-63 Technology: Digital Bandwidth: 12.5 kHz Features: GPRS, EDGE
3G		3G Year: 2001 Standard: UTRA, UTP, GSM, IS-880, IS-95, IS-144, IS-147 Technology: Digital Bandwidth: 5 MHz Features: HSPA, HSPA+, LTE
4G		4G Year: 2009 Standard: 4G LTE, 4G LTE-A Technology: Digital Bandwidth: 20 MHz Features: MIMO, OFDM, QAM



Portability = Criminal Opportunity

2016 What happens in an Internet Minute?



2017 This Is What Happens In An Internet Minute



2018 This Is What Happens In An Internet Minute



2019 This Is What Happens In An Internet Minute



2020 This Is What Happens In An Internet Minute



2021 This Is What Happens In An Internet Minute



2016 What happens in an INTERNET MINUTE?



Every Minute of Internet in 2024



www.aloinfotech.in
contact@aloinfotech.in

“Virtual Space”

GAME-LIKE DIMENSION

(immaterial)

“Cyberspace”

“Online Realm”

“Virtual Space”

GAME-LIKE DIMENSION

(immaterial)

“Cyberspace”

GLOBAL NET OF INTERCONNECTED COMPUTERS

(technocentric)

“Online Realm”

“Virtual Space”

GAME-LIKE DIMENSION

(immaterial)

“Cyberspace”

GLOBAL NET OF INTERCONNECTED COMPUTERS

(technocentric)

“Online Realm”

FAIRYTALE WORLD

(fictionalised)

“CYBER-SOCIAL ECOSYSTEM”

- ❖ **DIGITAL INFRASTRUCTURES AND SOCIAL LIFE ARE NOW CO-CONSTITUTIVE.**
- ❖ **PLATFORMS SHAPE POLITICAL DISCOURSE, ALGORITHMIC INCENTIVES (RE-)ORDER SUB-/CULTURAL PRODUCTION.**
- ❖ **NETWORKED PUBLICS, AS ACTIVE AUDIENCES, CONTINUOUSLY (RE-)NEGOTIATE NORMS THAT FEED BACK INTO POLICY AND MARKET OUTCOMES.**

- **NO LONGER SECONDARY, “LESS REAL” DIMENSION OF LIFE.**
- **MUTUAL DEPENDENCIES AMONG SUBSYSTEMS → TECHNOLOGICAL (Codes, protocols), SOCIAL (Communities, Identities), INFORMATIONAL (Content flows), ECONOMIC (Business model), REGULATORY (Legal frameworks, Platform governance)**
- **MULTIDIMENSIONAL STRATEGIES/INTERVENTIONS → TECHs + EDUCATION + COMMUNICATION.**

CYBER-SOCIAL SECURITY

CIA

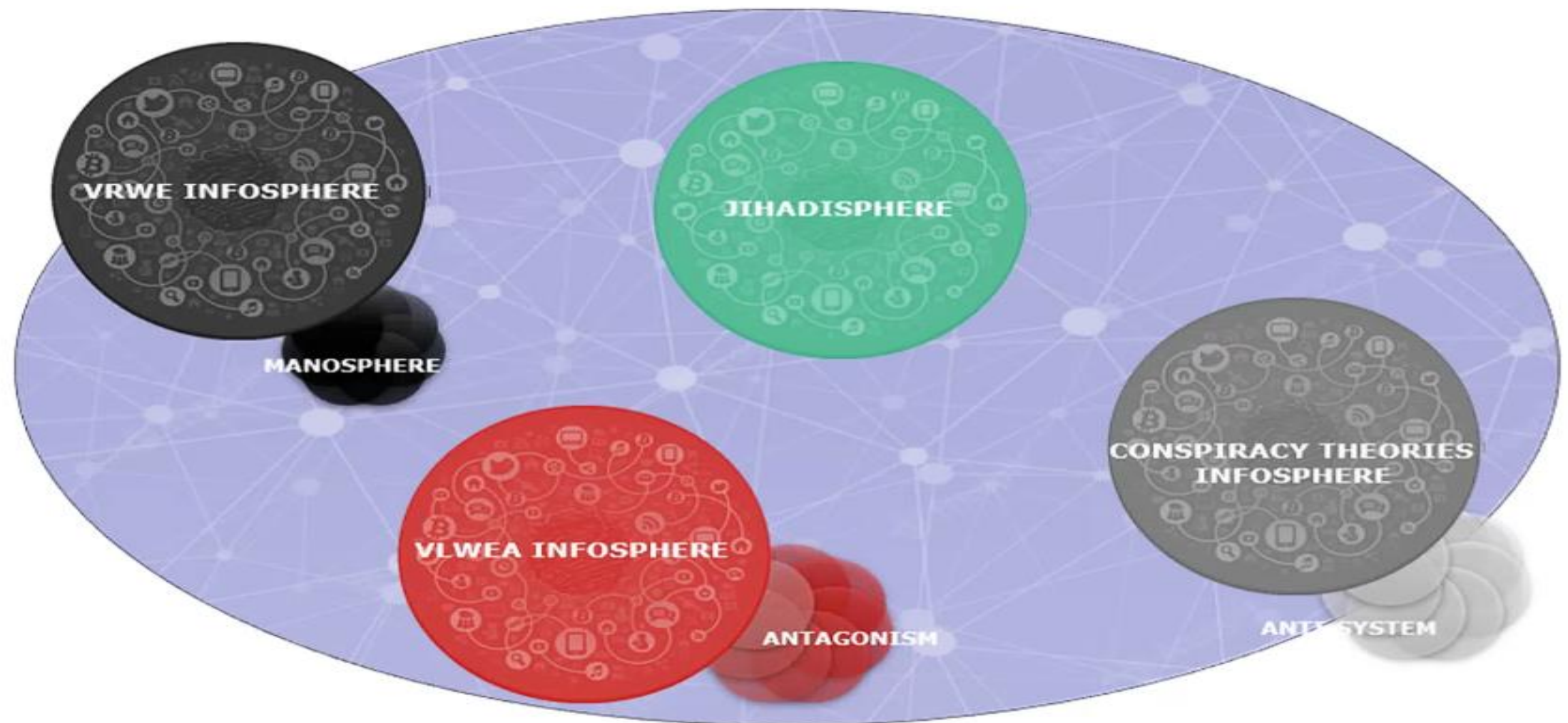
- CONFIDENTIALITY
- INTEGRITY
- AVAILABILITY



- HUMAN RIGHTS
- SOCIAL COHESION
- COGNITIVE + EMOTIONAL INTEGRITY
- DIGITAL RIGHTS
- NARRATIVE RESILIENCE

SECURITY ENGINEERING + SOCIAL SCIENCES + DATA SCIENCE + **STRATCOMMS**

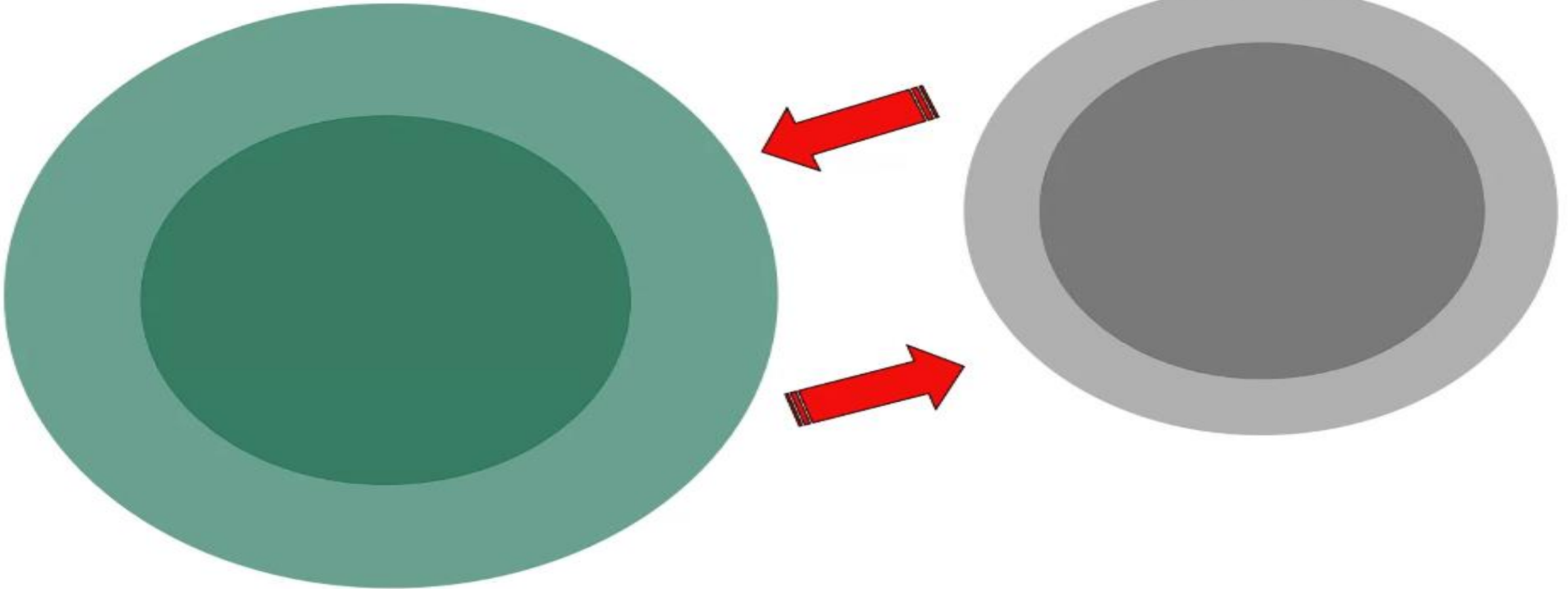
(CYBER-)SOCIAL ECOSYSTEM - MAIN VE/T INFOSPHERES



TERRORIST INFOSPHERES **FEEDING EACH OTHERS**

JIHADISPHERE

VRWESPHERE

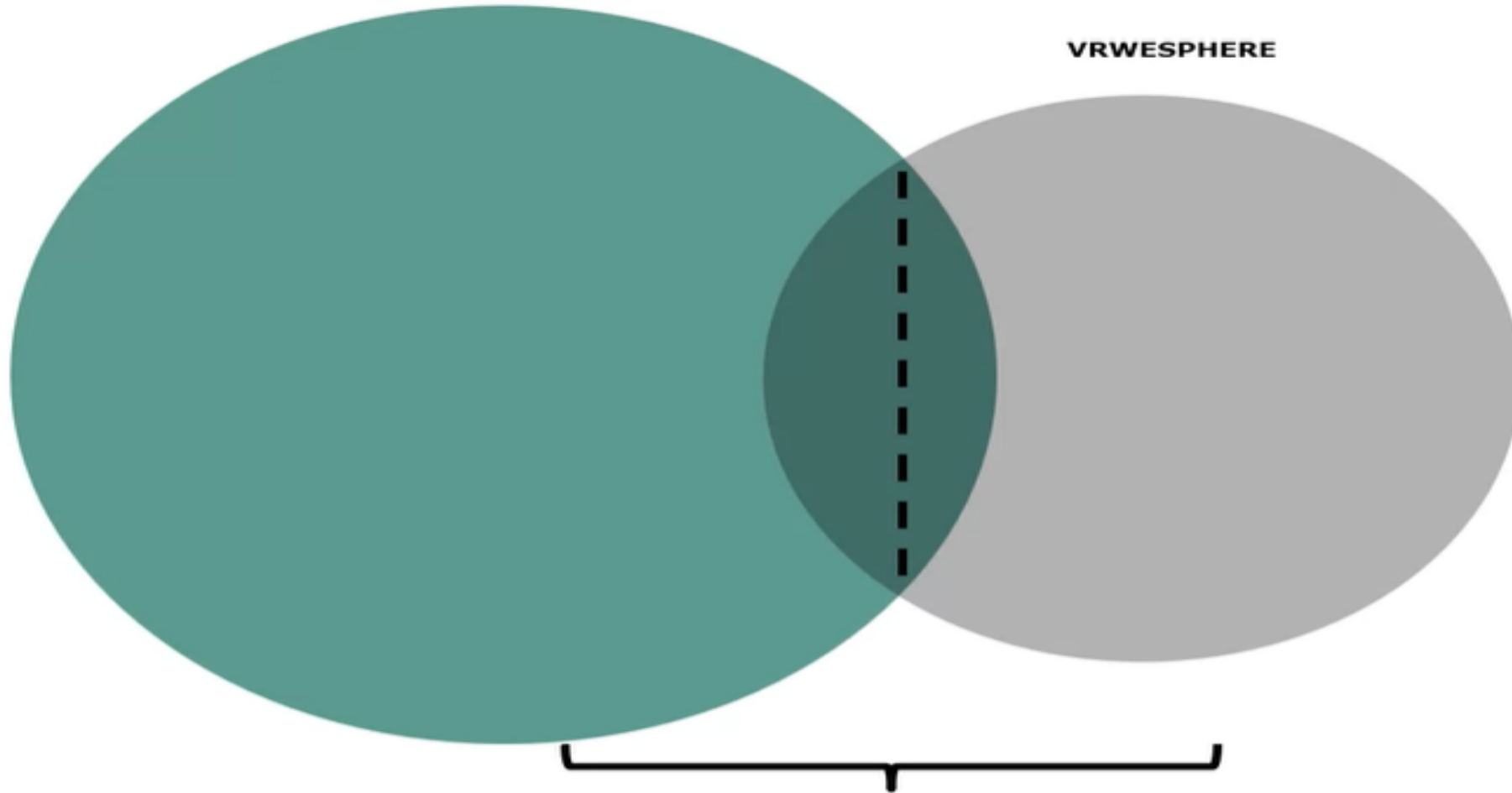


VIOLENT RADICALIZATION FOSTERED BY THE RECIPROCAL REINFORCEMENT OF IN-/OUT GROUP DYNAMICS

TERRORIST INFOSPHERES OVERLAPPING

JIHADISPHERE

VRWESPHERE



**CROSS-CONCEPTS, CONVERGING EXPERIENCE BASED ON VIOLENCE AND ONLINE HATE,
SAME MODUS OPERANDI, DISINFORMATION, TARGET SHARING (I.E.: JEWISH COMMUNITY)**

CROSS-CUTTING NARRATIVES



CROSS-CUTTING NARRATIVES

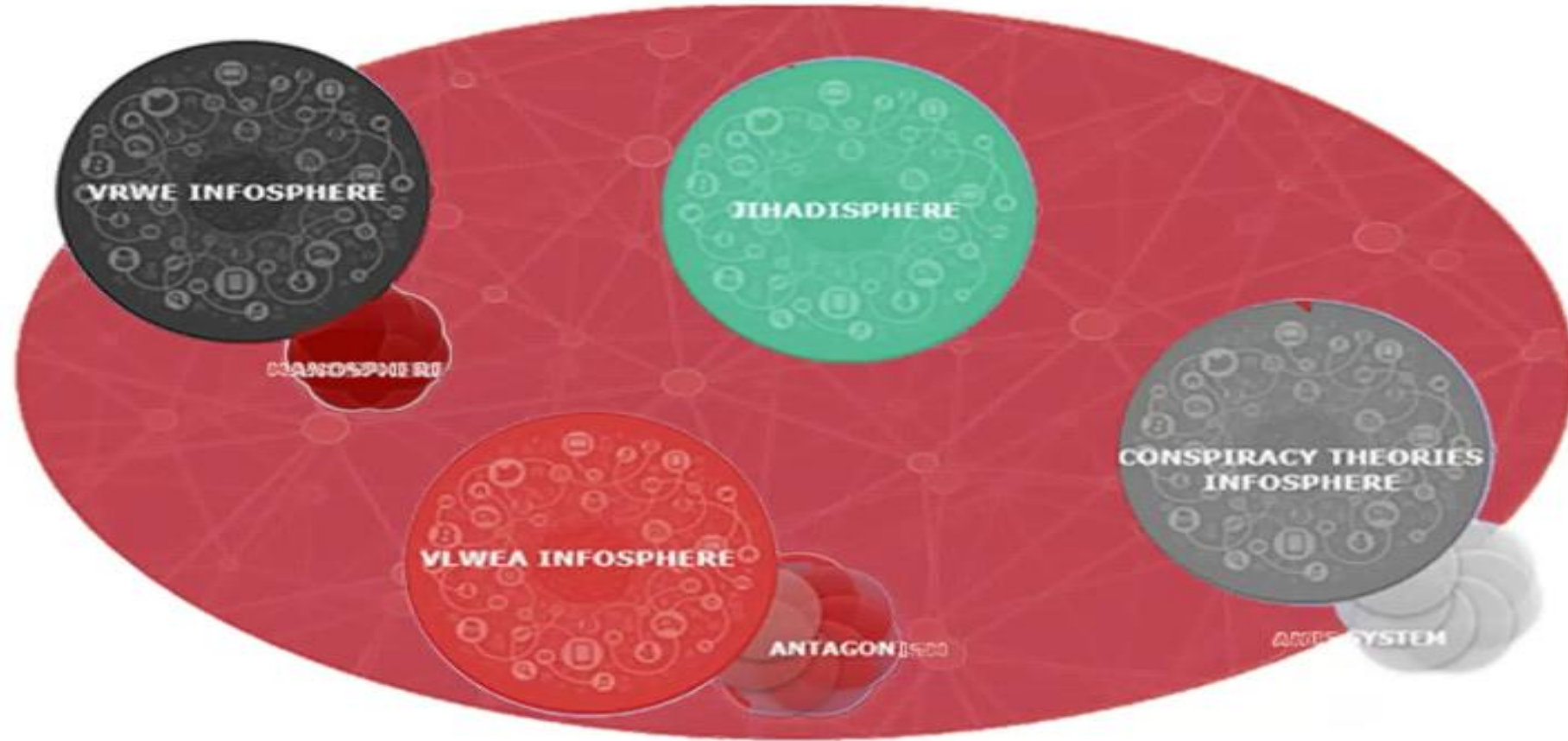


United Emirates of America
@AmericanEmirate

...



(CYBER-)SOCIAL ECOSYSTEM + ONLINE (CONNECTIVE) HATE



(CYBER-)SOCIAL ECOSYSTEM + ONLINE (CONNECTIVE) HATE

DEHUMANISATION: DEFAMING OR DEHUMANISING EXPRESSIONS THAT BELITTLE SOMEONE'S INHERENT WORTH.

SEXISM: DISCRIMINATION BASED ON GENDER OR SEXUAL ORIENTATION (HOMOPHOBIA, SEXISM, ETC.)

POLITICS: EXPRESSIONS THAT RELATE TO POLITICAL IDEOLOGY, IN PARTICULAR ACTIVISM, EXTREMISM AND PROPAGANDA (INFOWARS).

RACISM: EXPRESSIONS THAT RELATE TO RACISM, ON THE BASIS OF RACE, ETHNICITY, NATIONALITY.

RELIGION: WORDS THAT RELATE TO PSEUDO-RELIGIOUS IDEOLOGY, IN PARTICULAR ISLAMOPHOBIA, JIHADISM AND ANTISEMITISM.

UNTRUTH: WORDS THAT RELATE TO CONSPIRACY AND DISINFORMATION, INCLUDING GOVERNMENT COVER-UP, DOOMSDAY AND THE OCCULT.

VIOLENCE AND THREATS: WORDS THAT RELATE TO CONFLICT, INCLUDING VIOLENCE, THREATS AND EXTORTION. ALSO ALL NAMES OF WEAPONS.



European Observatory
of Online Hate

DISINFORMATION AND RADICALISATION - MEMETIC WARFARE -



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**DISINFORMATION
AND
RADICALISATION**

RAN Policy Support - RAN Workshop and Training "back-to-back", January 2022

DEPARTMENT OF
COMMUNICATION
AND SOCIAL RESEARCH
SAPIENZA
UNIVERSITÀ DI ROMA

"FOLKS'N'FOOLS" MOVEMENTS

CONNECTIVE MOVEMENTS



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SAPIENZA

MEMETIC WARFARE

The ends

Justify

the memes



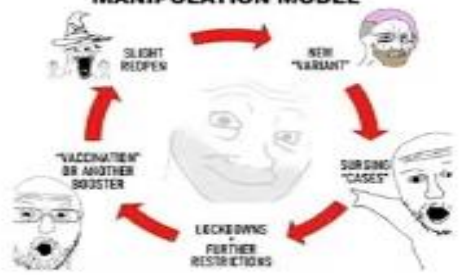
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SAPIENZA

NARRATIVES

MEMETIC AVATARISM

**COVID-19 PUBLIC
MANIPULATION MODEL**



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SAPIENZA

NARRATIVES

CROSS-TOPICS NARRATIVES



HUMAN DNA IN VACCINES



**INCREASES THE RISK OF
GENDER CONFUSION**

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SAPIENZA

DISINFORMATION AND RADICALISATION

- MEMETIC WARFARE -



More sanctions



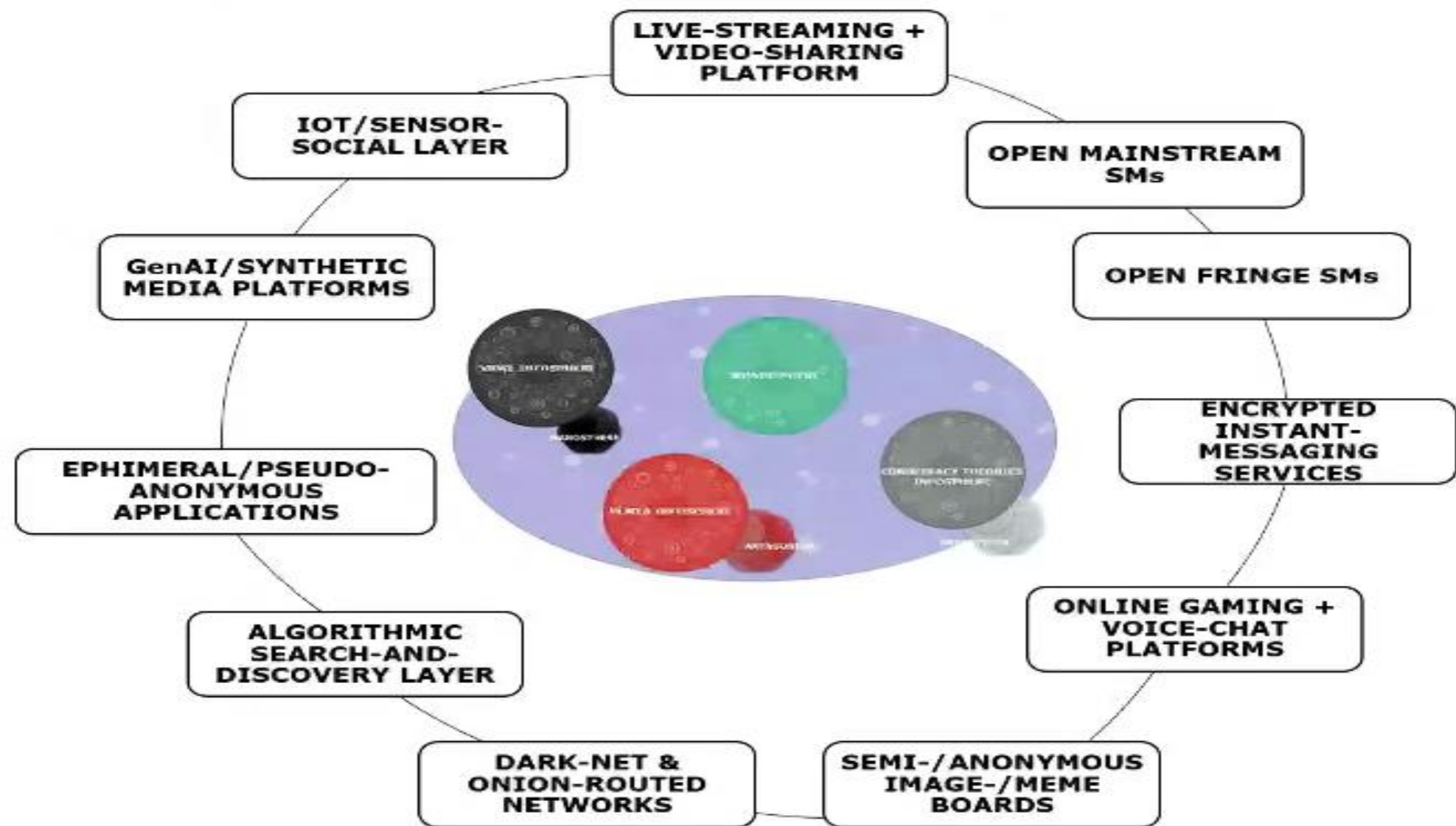
What the fuck



DISINFORMATION AND RADICALISATION - MEMETIC WARFARE -



(CYBER-)SOCIAL SUB-ECOSYSTEMS



MEDIAMORPHOSIS OF VE /TERRORISM

20 TH CENTURY	21 ST CENTURY	MEDIA WEAPONIZATION
ANALOG COMMUNICATION SYSTEM	DIGITAL COMMUNICATION SYSTEM	
OLD MEDIA	NEW AND SOCIAL MEDIA	
ONE-TO-MANY COMMUNICATION MODEL	MANY-TO-MANY COMMUNICATION MODEL	
HYERARCHICAL RELATIONSHIP BETWEEN PRODUCER AND CONSUMER	"PROSUMER" AND USER GENERATED CONTENT (UGC)	
INTERMEDIATION OF JOURNALIST AND CENSORSHIP DYNAMICS	DISINTERMEDIATION (DIRECT ACCESS TO VIOLENT MEDIA)	
PASSIVE AUDIENCE	INTERACTIVE AUDIENCE (SHARING, PRODUCING, RE-MEDIATING)	
NATIONAL/INTERNATIONAL PERSPECTIVES, NARRATIVES, IMPACTS ON PASSIVE AUDIENCE	GLOBALIZED PERSPECTIVES, NARRATIVES, IMPACTS ON ACTIVE AUDIENCES	

MEDIAMORPHOSIS OF VE /TERRORISM

GLOBALIZED COMMUNICATION REVOLUTION

20th – 21st Century
FROM ANALOGUE
TO GLOBAL DIGITALIZED WORLD



'MEDIAMORPHOSIS' OF TERRORISM



THE "MEDIAMORPHOSIS" OF JIHADISM
"HISTORY AND POLITICS OF MIDDLE EAST AND ISLAMIC STUDIES" SEMINAR (ROMA CATHOLIC UNIVERSITY, 2014)

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'MEDIAMORPHOSIS' OF TERRORISM

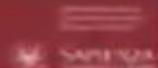
IRREVERSIBLE PROCESS OF MEDIA-
WEAPONIZATION FOSTERED BY THE
DEVELOPMENT OF CYBERSPACE
WHERE THE TRADITIONAL TIME AND SPACE
PARADIGM COLLAPSES, DEFINITELY
TURNING **MEDIUM** INTO **WEAPON**



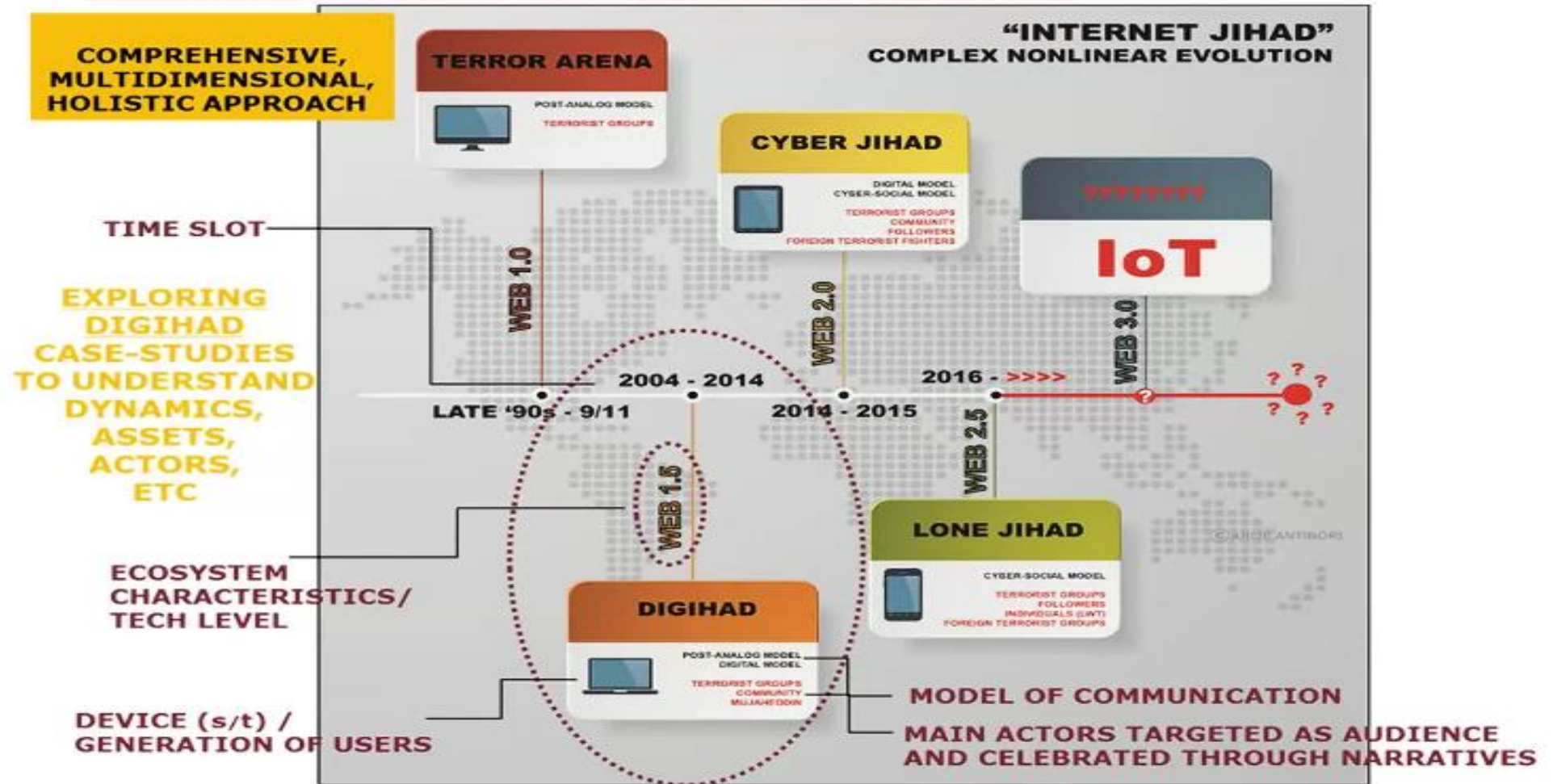
THE "MEDIAMORPHOSIS" OF JIHADISM

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INTERNET JIHADISM

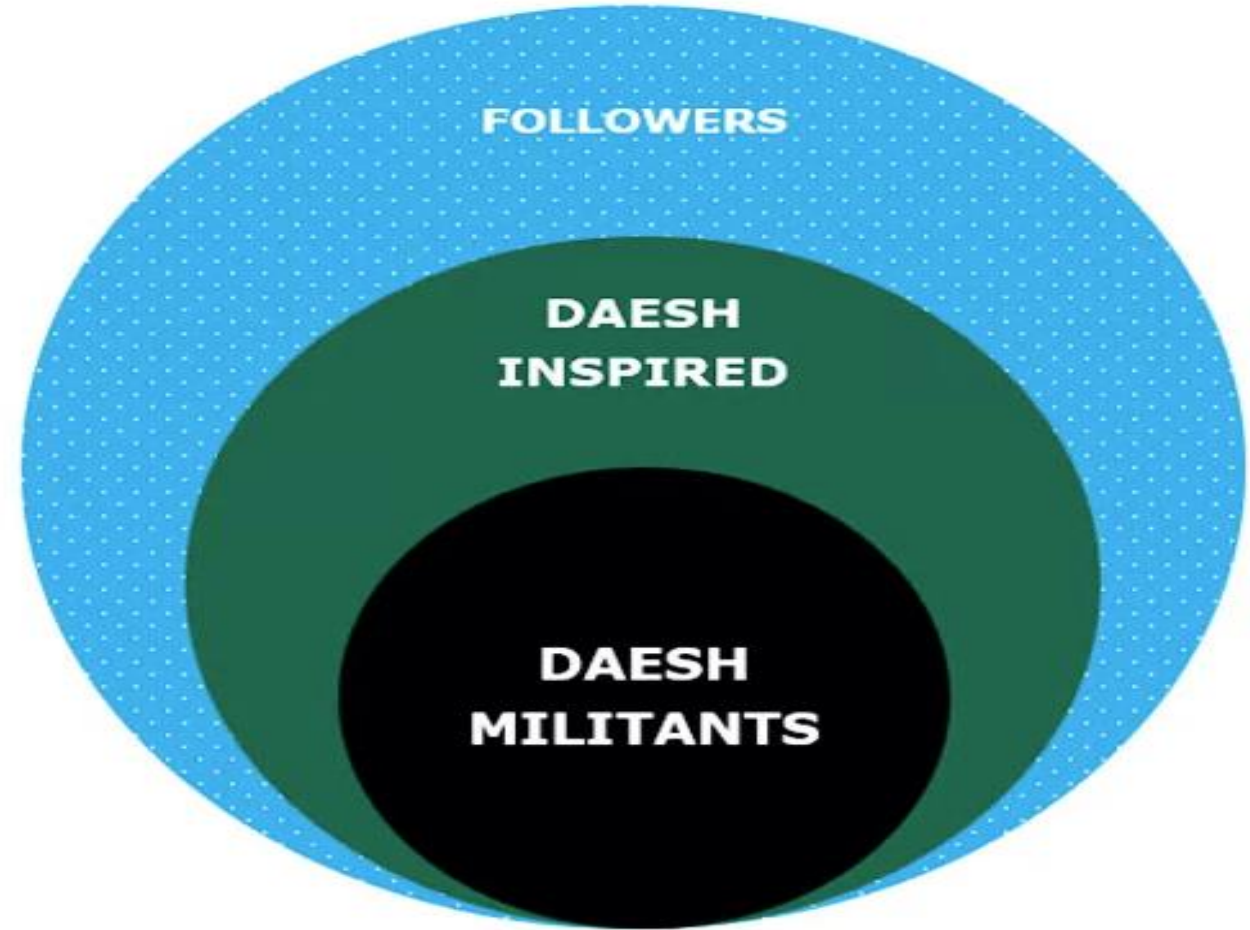


INTERNATIONAL TRENDS AND CHALLENGES

INTERPOL SEMINAR FOR THE ASEAN REGION ON “COUNTERING THE USE OF SOCIAL MEDIA FOR TERRORIST PURPOSES”
(THE INTERPOL GLOBAL COMPLEX FOR INNOVATION - IGCI, 2016)

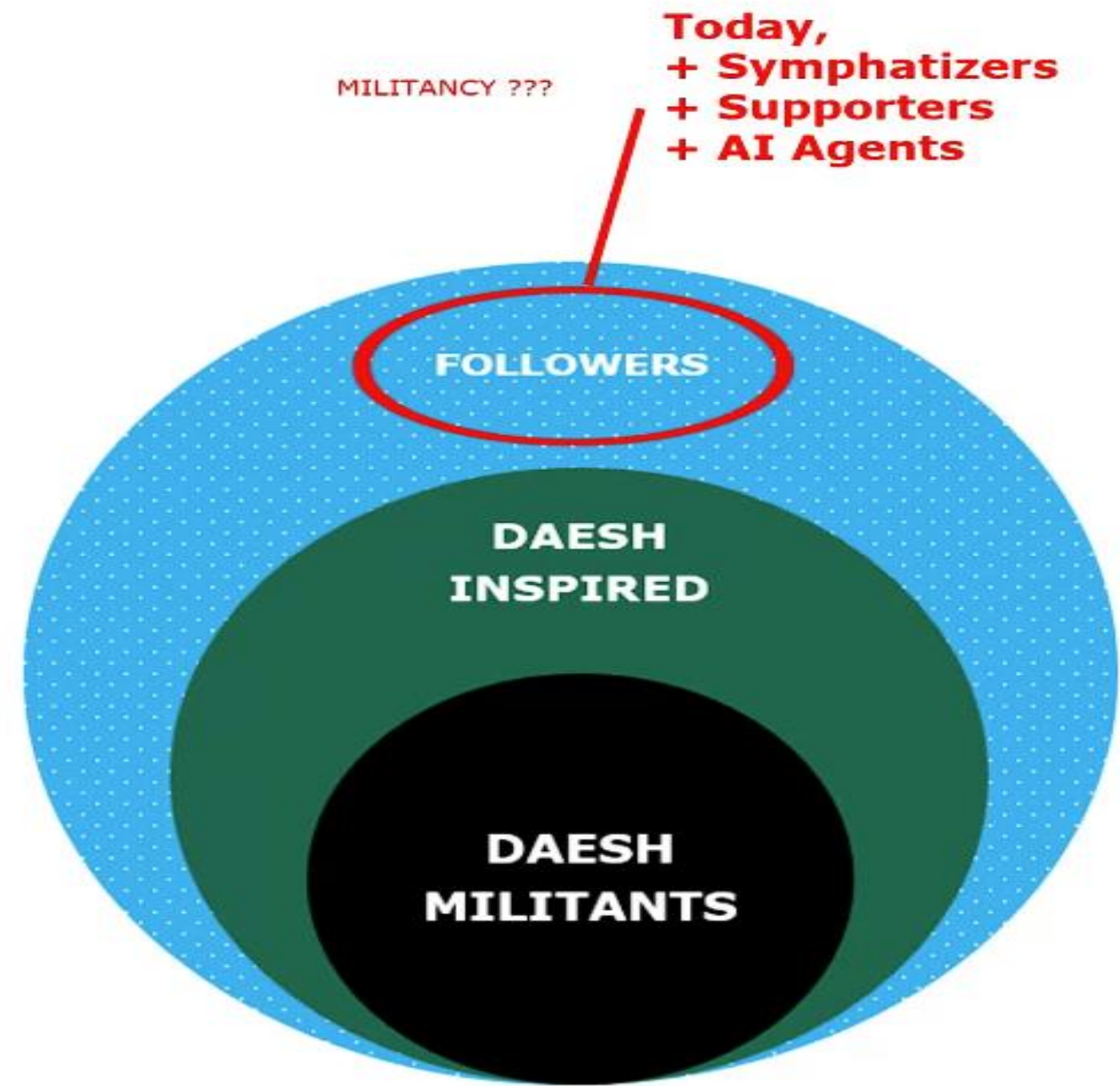


ISLAMIC STATE OF MIND (ISoM)





ISLAMIC STATE OF MIND (ISoM)





(ALT-)JIHADISM AND MEMETIC WARFARE

ISLAMOGRAM

When guys turn 18,
they choose one of these characters
to base their entire personality around



ISLAMISPILLING

DON'T TEACH STUDENTS ABOUT
FREEDOM OF SPEECH



worst mistake of my life

(CYBER-)SOCIAL SELF-RADICALISATION

At first I was like...

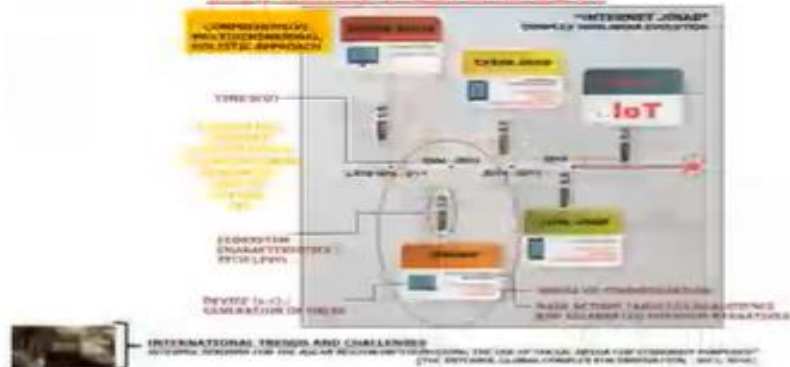


But then I was all...



«LONE JIHAD»: THE DOCTRINE (AND CULTURE) OF KILLING

INTERNET JIHADISM



LONE JIHAD



(CYBER-)SOCIAL INTERACTION → RADICALIZATION



(CYBER-)SOCIAL ECOSYSTEM

(CYBER-)SOCIAL ISOLATION AND SELF-RADICALIZATION



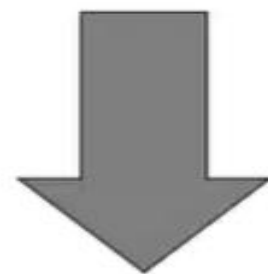
(CYBER-)“EGO-SYSTEM”



FROM IDEOLOGIES TO CULTURES



SOCIAL NETWORKS

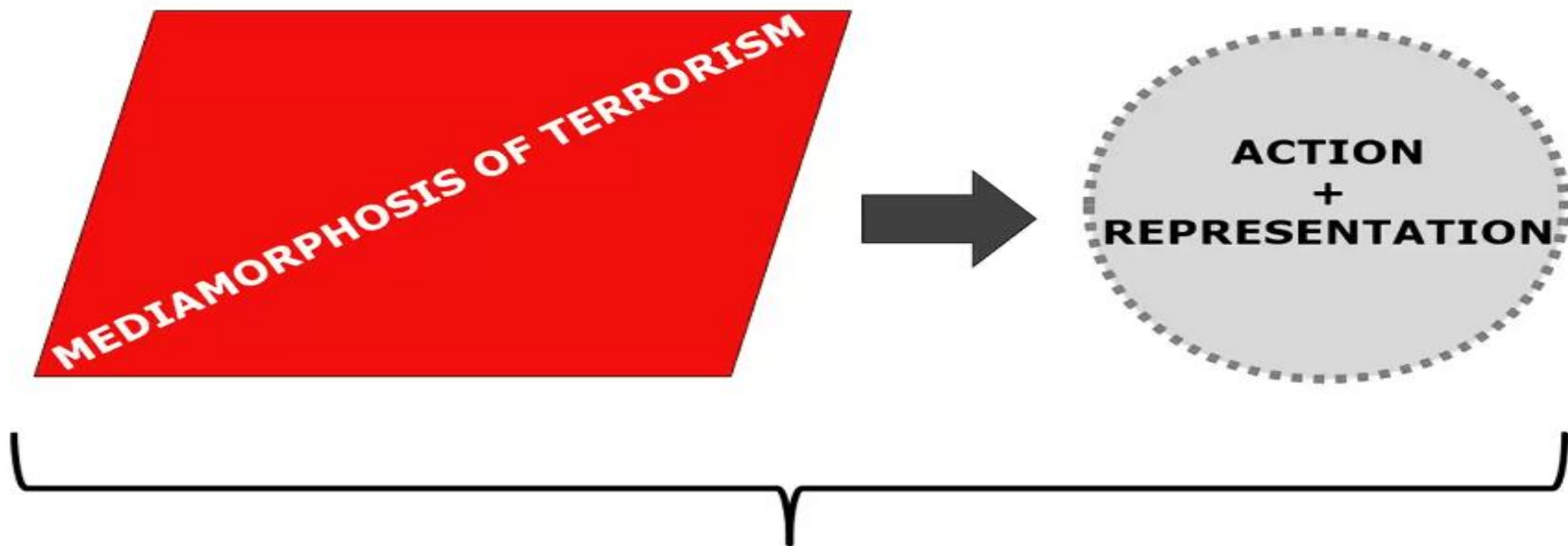


SOCIAL MEDIA



SOCIAL MOBILE MEDIA

PERFORMATIVE TERRORISM AND VIOLENT EXTREMISM



NEW MEDIA, SOCIAL NETWORKS, SOCIAL MEDIA, SOCIAL MOBILE MEDIA

VULNERABILITIES

RELATIONAL



FAMILY
DISAFFECTION

CONTACT POINT
and/or
THRESHOLD
SUBJECT IN
RADICAL
GROUPS/NETs

IDISTANCE FROM
PEER GROUP

INDIVIDUAL



TROUBLED
ADOLESCENCE

LIFE STRESSORS

EXISTENTIAL
and/or
SPIRITUAL
CRISIS

SOCIAL



SOCIAL
MARGINALIZATION
and/or
ISOLATION

IDENTITY
MALAISE

PERCEIVED
VICTIM
INJUSTICE,
DISCRIMINATION

PSYCHOLOGICAL ENVIRONMENTAL



DISORDERS

RIGIDITY

DISTRESS

BRAINWASHED



EXTREMIST
NARRATIVES

POLARIZATION

DISINTEREST IN
MINORITIES
ISSUES

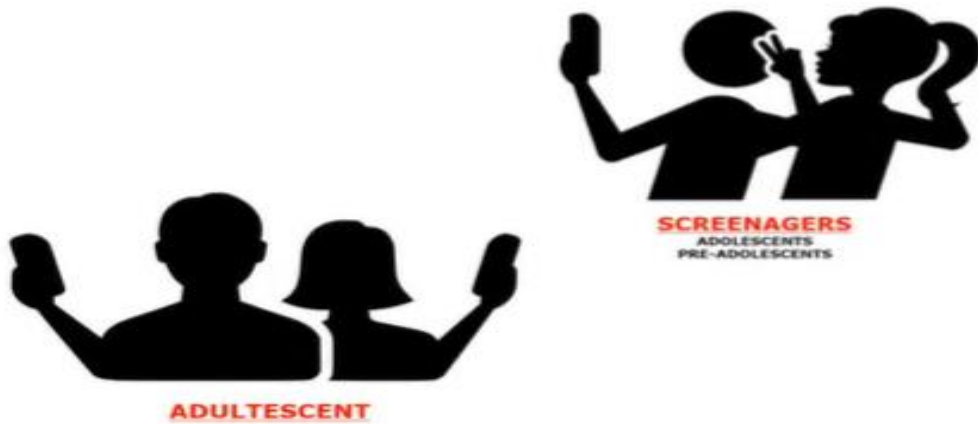
STEREOTYPING
MEDIA

Today, + SUSCEPTIBILITIES

RETHINKING VULNERABILITIES IN THE LIGHT OF CHANGE



LIVE STREAMING



FROM LIVE STREAMING TO "LIVE-SCREAMING"

JIHADIST



Mohammed Merah
(Toulouse, 2012)

ANTI-SEMITIE



Stephan Balliet
(Halle, 2019)

WHITE SUPREMATIST



Brenton Tarrant - Christchurch mosque shootings
(New Zealand, 2018)

«LIVE SCREAMING»



- **NARCISSISM**
- **EMOTIONAL DESENSITISATION**
- **CONTAGION AND IMITATION**

- **IDENTITY CONSTRUCTION**
- **ONLINE RADICALIZATION**
- **SYMBOLIC CAPITAL**
- **PERCEPTIONS OF SECURITY AND POLARIZATION**

- **SACRALIZATION AND VIOLENT RITUALIZATION**
- **DIGITAL TRIBALIZATION**
- **MYTHOLOGISATION OF THE ATTACKER**

- **VISUAL CODIFICATION**
- **MYTHOLOGIZATION OF THE ATTACKER**
- **HERO-VICTIM-PERPETRATOR DIALECTIC**

- **TECHNOLOGICAL ACCESSIBILITY AND DEMOCRATISATION**
- **TECHNOSOCIAL EVOLUTION**

- **SPECTACULARISATION OF TERRORISM**
- **ONLINE AMPLIFICATION**
- **ALGORITHMIC GATEKEEPING**





Mohammed Merah
(Toulouse - France, 2012)

ONLINE HATE CULTURE

The Virgin Stephan Balliet

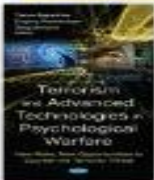


Stephan Balliet
(Halle - Germany, 2019)



Brenton Tarrant - Christchurch mosque shootings
(Christchurch - New Zeland, 2018)

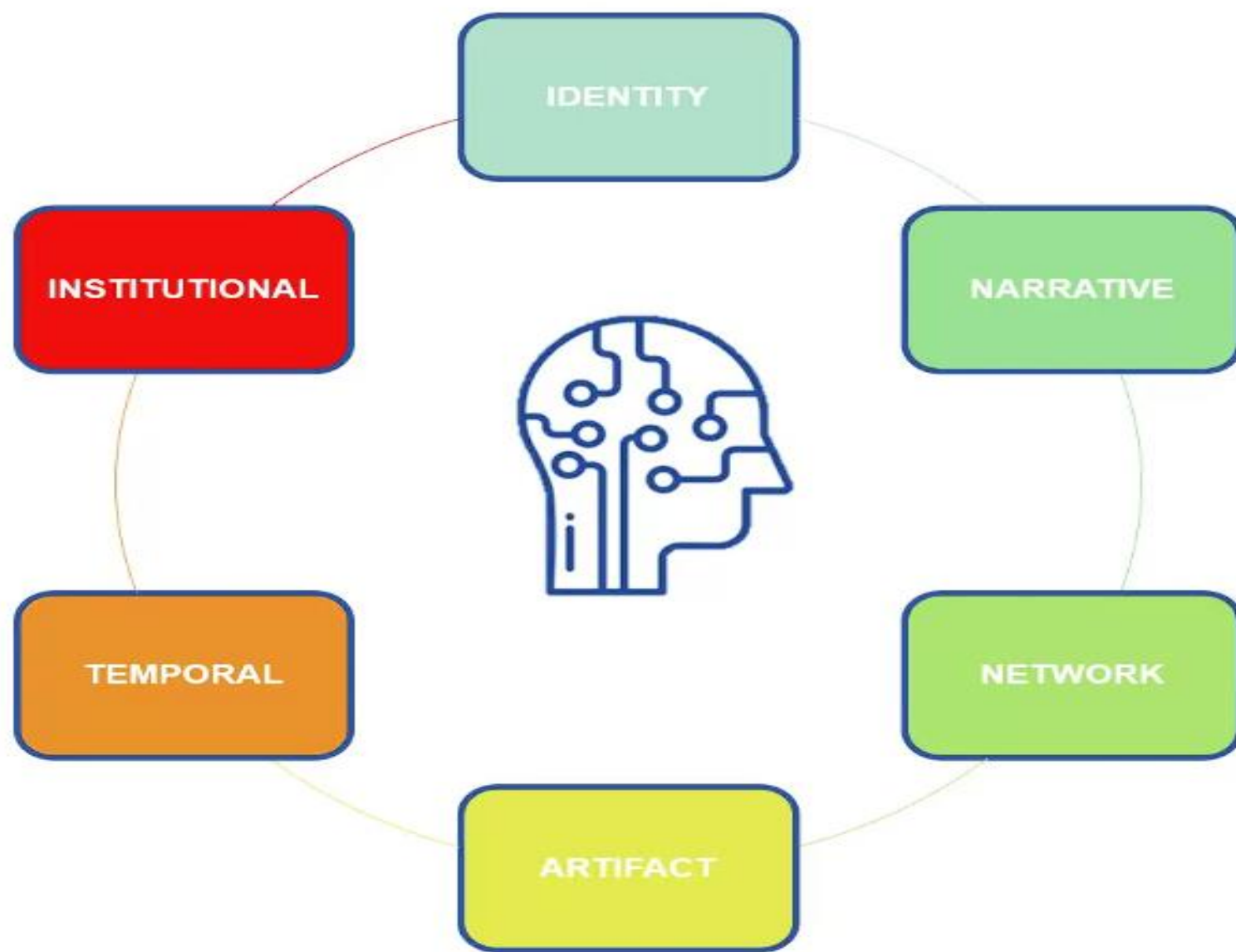
FROM PROPAGANDA TO "PROPULSION"



ONLINE RECRUITMENT

- **Social Media Platforms** – pages/groups to disseminate TVEOCs. Comments/private messages/chat functions to direct engage vulnerable followers;
- **Online Video Sharing Platforms, Live Streaming Platforms** – uploading videos that promotes extremist beliefs. Like comments/sharing and real-time interactions are used to engage;
- **Online Forums** – password-protected/hidden discussion to disseminate violent ideologies and share information, organize, recruit new members, and promote violent action;
- **Message/Image Boards** – texts/images/memes;
- **Websites/Blogs, Encrypted Messaging Apps** – articles/manifestos that promotes their agenda. Attractive information hubs for extremists and potential recruits;
- **Online Gaming** - real-time communication between players and in-game conversations/interactions;
- **Deep Web** - enabling extremists to hide from surveillance/monitoring. Forums/marketplaces, and ad-hoc websites to promote extremism and facilitate the sharing of radical information/materials;
- **Malicious Use of Artificial Intelligence (MUAI)** – AI can be exploited by extremists to amplify online propaganda and recruitment. Algorithms/AI tools used to identify and target specific audiences/minorities, create micro-targeted content to influence opinions and radicalize individuals. Disseminating toxic narratives through chatbots and/or using algorithms to identify potential recruits. DeepFake, DeepAudio and Synthetic Media.

DIGITAL ROOTS





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Questions and Answers

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