

Inception Document — Group 1

Topic: Computer Viruses & Malicious Software

Group Leaders: Kyla Kaplan & Hun Rim

Approved and supervised by professor Gabriele Bavota
of Software Atelier I



Faculty of Informatics
Università della Svizzera italiana
Lugano, Switzerland
Date: 29 October 2021 - 22 November 2021

Contents

1	Introduction	2
2	Organization	2
3	Conventions	4
4	Communication	5
5	Timetable & Due Dates	5
6	Git Utilization	5
7	CSS Template	5
8	Appendix	15

1 Introduction

The following document contains the vital information and details of our Software Atelier Group Project 1. Our group project is to develop a website consisting of a certain minimum number of pages under the topic of 'Computer Viruses & Malware'.

This 'Inception Document' contains details of our design template, planning, and scheduling of the project.

The link below is the address for our Git repository:

`@atelier.inf.usi.ch:/home/bertit/group1`

2 Organization

We have outlined 5 distinct roles in order for each member of the group to participate. Each role differs in terms of workload, responsibilities and schedule-planning. Please refer to the Appendix for tabular formats of the group organization.

Assigned duties & Obligations

Team Leader: Coordinate and present the project, while working on/ and standardising the — HTML, CSS & Bonus Questions — while confirming their cross-compatibility and quality. Additionally, one team leader is designated to procure the Documentation in LaTeX. Must create a minimum of 1 HTML page.

CSS Leader: Write concise, accurate and commented CSS code that follows all necessary standardization guidelines. Must create a minimum of 1 HTML page.

Git Leader: Manages the Git server with its working repository, as well as, provides support to other developers when needed. Follows up on the engagement and optimizes the complexity of the project. Must also create a minimum of 1 HTML page.

Topic Leader: Makes sure that the standardization of the development in a given time-frame is consistent and that the deadlines are met. Creates a minimum of 1 HTML page.

Team Member: Actively participate in the creation of the website and follow all guidelines and deadlines. Must create a minimum of 4 HTML pages by the end of the project.

Group Trees



-Bonus Questions have been undefined at the given moment.

3 Conventions

In order to standardize the code throughout the website development, we utilize a myriad of styling conventions to ease the process significantly and aid the user in a more coherent experience.

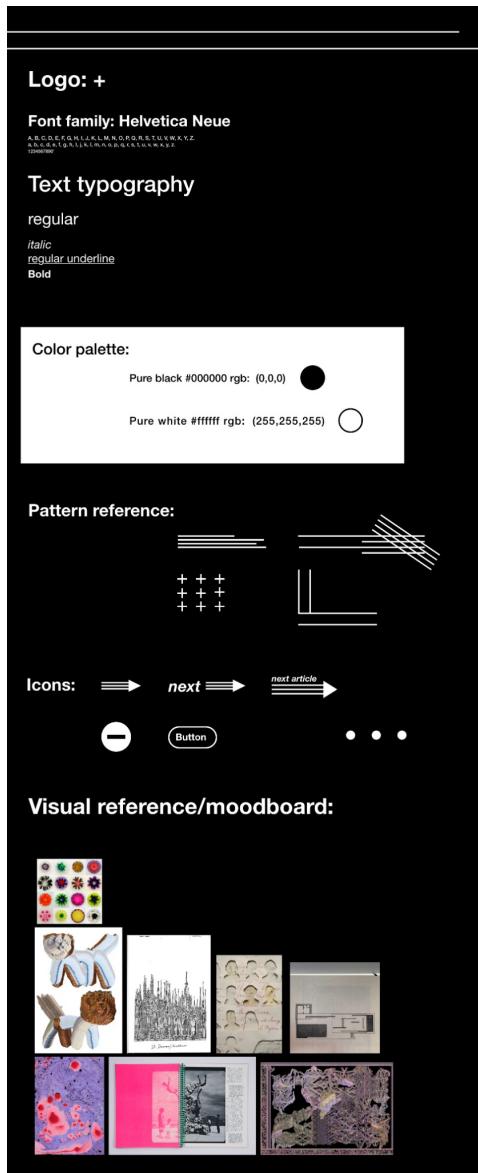


Figure 1: Styling conventions for the CSS

4 Communication

Communication during the project between all team members is of utmost importance throughout the duration of the project. Communication channels have been put in place on two separate platforms to help aid in any discussions of topics, as well as necessary initial introductions, etc.

Communication channels have been established via **Discord & WhatsApp**.

Precedence of information is given to the main WhatsApp group 'Group 1', where all team participants are included in.

Following the main group, each 'Topic' has their own mini-group, in which at least one of the Group Leaders are present as well: 'History', 'Security', etc.

Apart from those groups, an additional one exists just for all the various leaders (i.e. Git, CSS, etc.): 'Team Leaders'.

5 Timetable & Due Dates

Below is a proposed schedule for the deadlines.

	10/25/21	11/01/21	11/08/21	11/15/21	11/22/21
Monday			Go/ No Go	Midway Milestone	
Tuesday					Final Presentation
Wednesday				Finish 84 PAGES	
Thursday		Finish CSS	Finish 45 PAGES	*Finish 89 PAGES*	
Friday		Inception			
Saturday	Kick Off		Finish 60 PAGES	Finish BONUS Tasks	
Sunday				Final Milestone	
Red CELLS: OFFICIAL DEADLINES for SUBMISSIONS					
Yellow CELLS: In-group DEADLINES we set for certain goals					
<small>Inception: Submission of Inception files (Deadline for Team Leader, CSS Leaders, Topic Leaders)</small>					
<small>Go/ No Go: Present Inception (Deadline for Team Leaders)</small>					
<small>Midway Milestone: Present the current status of the project (Deadline for Team Leaders)</small>					
<small>Final Milestone: Perform the final GIT Push. (Deadline for everyone)</small>					
<small>*Finish 89 PAGES*: 89 is the total number of web pages of our project (Leaders: 9 Pages, Members: 80 Pages)</small>					

Figure 2: Timetable

6 Git Utilization

What follows is the documentation from the GIT leader — Thomas Bertini, on how to utilize the GIT repository for the rest of the team members.

Follow the Google Doc link: [GIT Documentation](#)

7 CSS Template

In the following section we demonstrate the current progress of the work done by Group 1. The Git repository contains all of the files needed to render the HTML pages shown below. There are remaining plans to refine the code and

resolve some minor issues and bugs, as well as, work on the overall feel of the each individual page. Please keep in mind that the renders shown below are for demonstration purposes.

Members currently working on the CSS are as previously mentioned:
Nicola F., Nicola M.

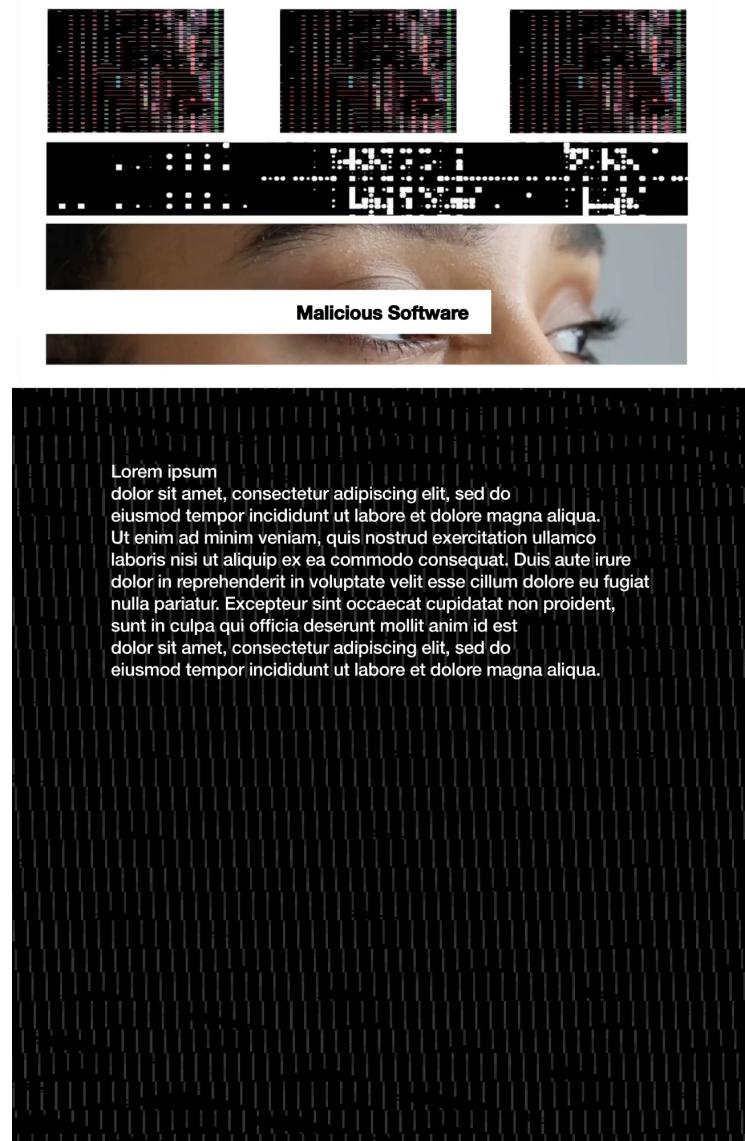


Figure 3: Proposed Homepage



Figure 4: Virus Section Article Page

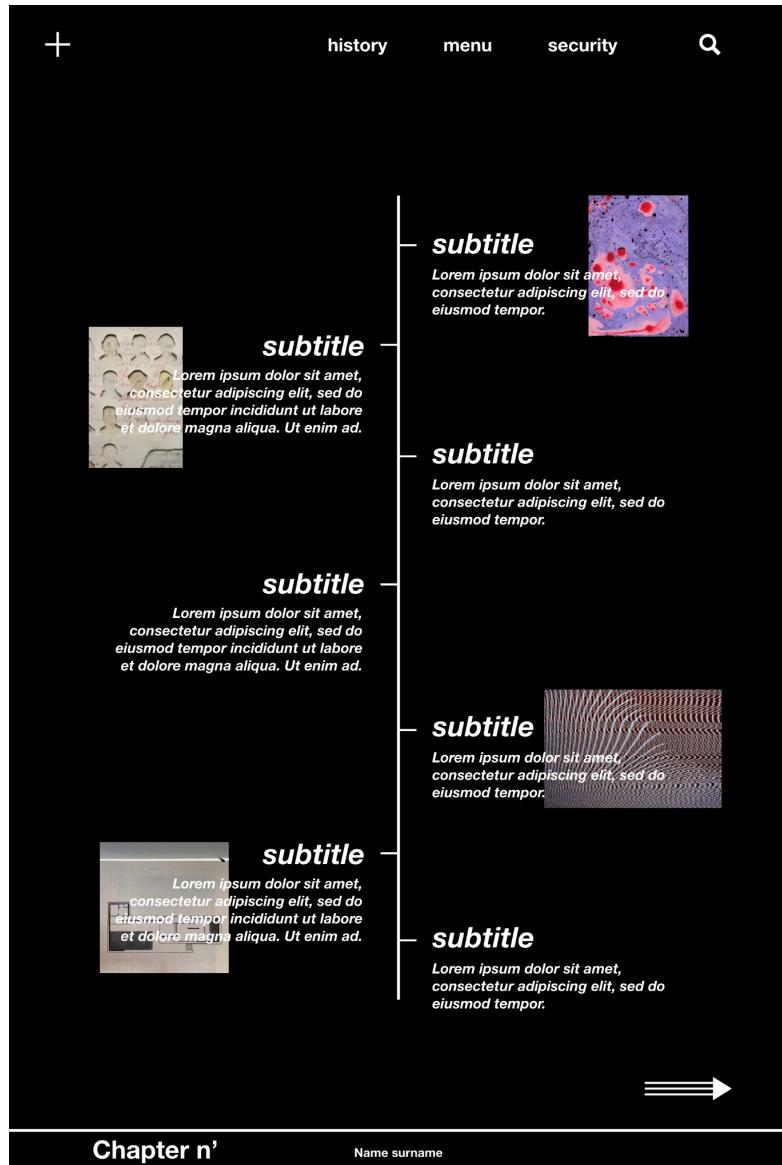


Figure 5: History Section Timeline Page

The screenshot shows a web application interface. At the top, there is a navigation bar with a plus sign icon, 'history', 'menu', 'security', and a search icon. Below the navigation bar, the word 'Security' is displayed in large white text. To the right of 'Security' is a small image of a colorful, pixelated pattern. The main content area has a dark background. On the left, there is a sidebar with a vertical line. The main content area contains an article with the title 'Article title' and subtitle 'Subtitle title'. The article text is placeholder text from 'Lorem ipsum'. To the right of the article is a small image of a computer screen showing a file browser window titled 'QuickTime Player' with a 'Personal' folder selected. At the bottom of the main content area is a horizontal bar with three right-pointing arrows.

	Chapter n'	Name surname
--	-------------------	--------------

Figure 6: Security Section Article Page

[history](#)[menu](#)[security](#)

subtitle

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam.



Chapter n'

Name surname

Figure 7: Malware Article Page

+

history menu security 

Article title

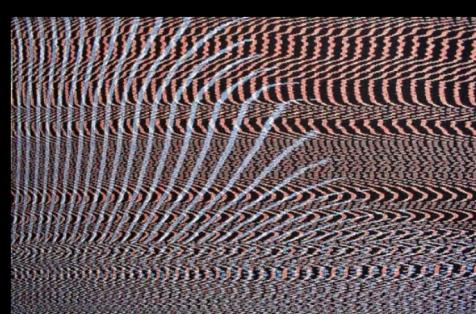
Subtitle article

Text Content:

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.



next article 

Chapter n' Name surname

Figure 8: Alternative Malware Article Page

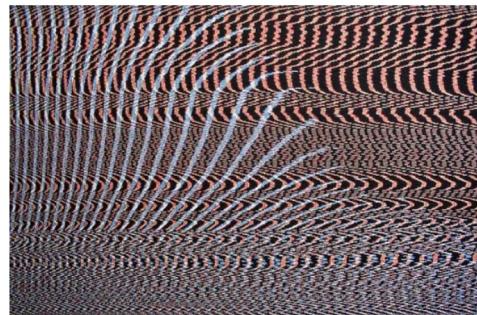


Article title

Subtitle article

Article content
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

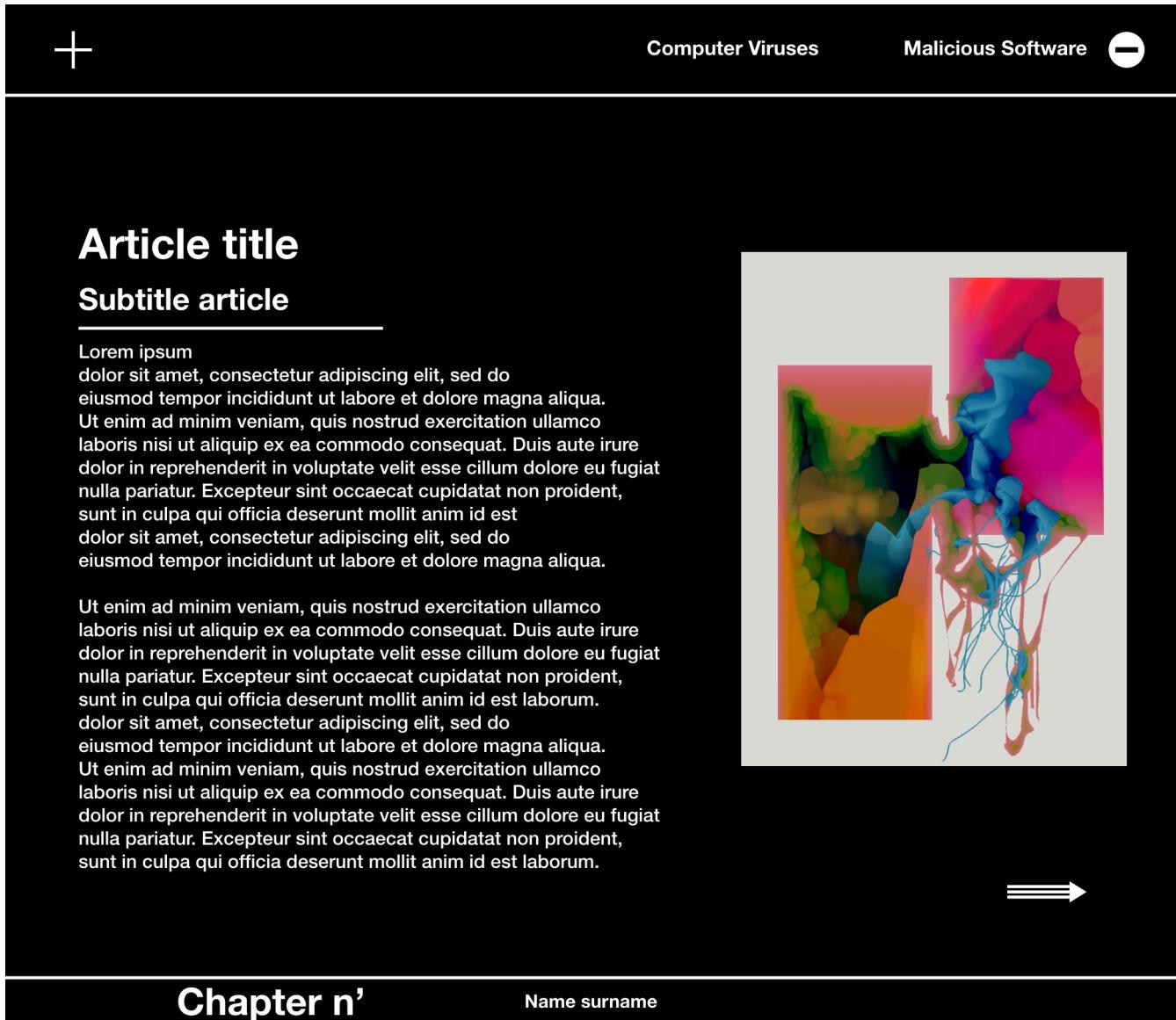
Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.



Chapter n'

Name surname

Figure 9: Light mode of the Article Page



The image shows a dark mode interface for an article page. At the top, there are three circular icons: a plus sign (+) on the left, 'Computer Viruses' in the center, and 'Malicious Software' with a minus sign (-) on the right. Below these, the main content area features a large title 'Article title' and a subtitle 'Subtitle article'. A horizontal line separates the title from the text. The text is placeholder text (Lorem ipsum) describing labor rights and responsibilities. To the right of the text is a colorful, abstract 3D visualization of a complex network or data structure, composed of various colored surfaces and connecting lines. At the bottom, there is a navigation bar with a double arrow icon pointing right.

Article title

Subtitle article

+

Computer Viruses

Malicious Software **-**

Chapter n'

Name surname

Figure 10: Dark mode of the Article Page

8 Appendix

List of Participants

Name	Last Name	Role
Mohammad	Atwi	
Phillipo	Baracca	
Francesco	Caglianone	
Thomas	Bertini	Git Leader
Paolo	Deidda	
Jarod	Facineroso	
Francesco	Fantozzi	
Nicola	Fontana	CSS Leader
Mattia	Gianinazzi	
Leo	Guanci	
Carson	He	
Kyla	Kaplan	Group Leader
Yasemin	Karakus	
Phillip	Krause	Topic Leader
Martin	Lettry	Topic Leader
Arseni	Loika	
Gianluca	Maragliano	
Nicola	Mazzucchelli	CSS Leader
Kirustika	Mohanathas	
Jeferson	Morales Mariciano	Topic Leader
Raffaele	Perri	
Hun	Rim	Group Leader
Edoardo	Salvioni	
Alberto	Sardo	
Arina	Shteyn	
Nicolo	Tafta	
Alika	Tsulygina	
Gianluca	Ugolotti	
Ilia	Zeller	Topic Leader

Figure 11: List of Group Participants

Organization of Topic Participants

Topic	Topic Leader	Member Name	Member Last Name
History	Ilia Zeller	Alberto	Sardo
		Mattia	Gianinazzi
		Gianluca	Maragliano
		Jarod	Facineroso
		Kirustika	Mohanathas
Security	Jeferson Morales Mariciano	Francesco	Caglione
		Paolo	Deidda
		Gianluca	Ugolotti
		Mohammed	Atwi
		Yasemin	Karakus
CompVi	Arseni Loika	Arina	Shteyn
		Alika	Tsulygina
		Phillip	Krause
		Nicolo	Tafta
		Edoardo	Salvioni
Malware	Martin Lettry	Francesco	Fontana
		Fillipo	Baracca
		Raffaele	Perri
		Carson	He
		Leo	Guanci

Figure 12: List of Topic Participants