

The background features a dark blue field with numerous thin, glowing blue lines that curve and swirl across the frame. Interspersed among these lines are small, bright white and light blue dots, some of which appear to be at the ends of the lines, creating a sense of motion and digital connectivity.

# ***GARR-X PROGRESS***

*Un mezzo per la condivisione della conoscenza*

*La città della scienza (NA), 19 giugno 2014  
Workshop GARR-X Progress: Sud laboratorio digitale*

The background features a dark grey gradient with a complex pattern of thin, light blue lines and small white dots. The lines are mostly horizontal and slightly curved, creating a sense of motion or data flow. The dots are scattered throughout, some appearing as endpoints of the lines.

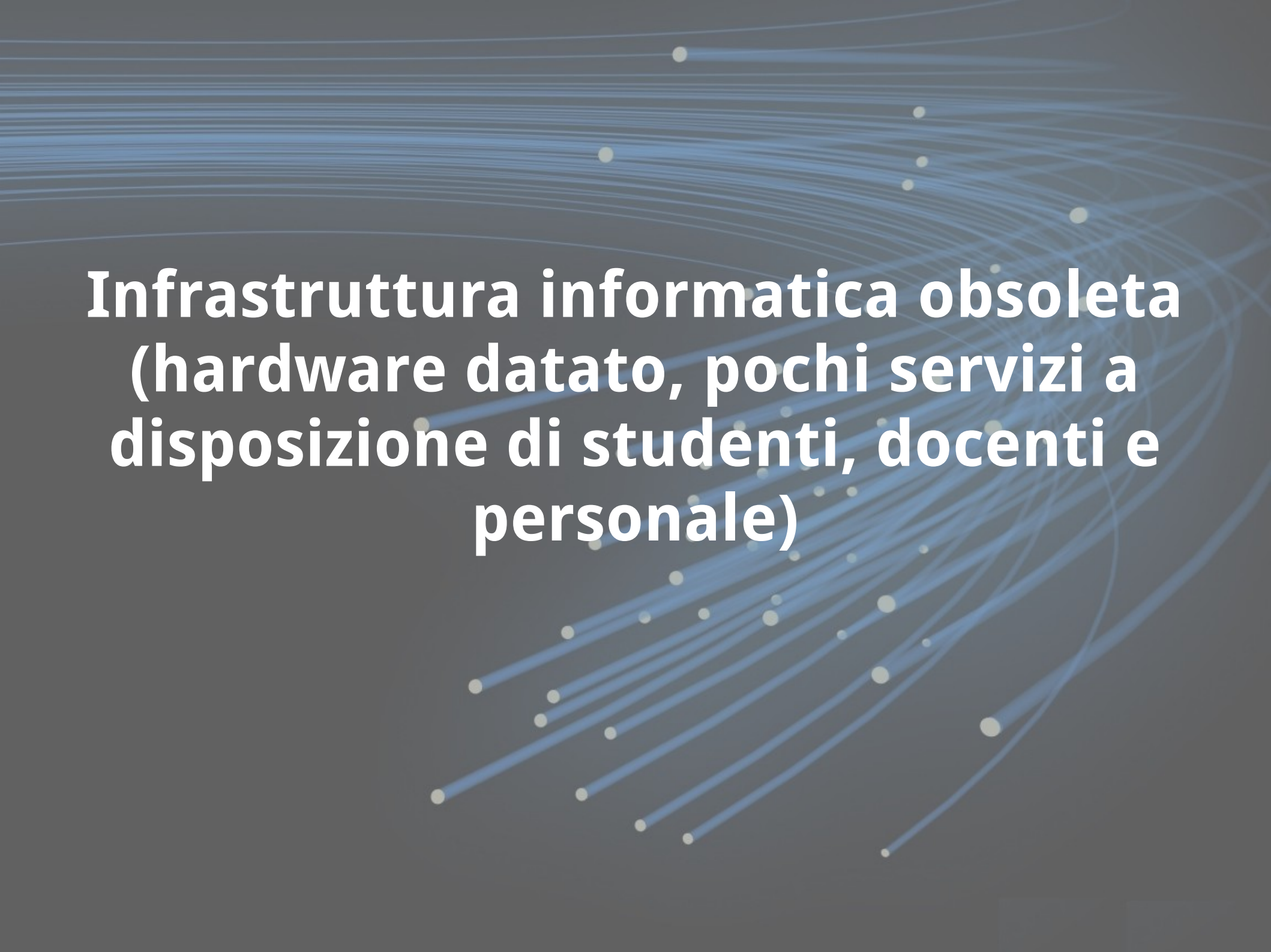
**Prima di GARR**

**Febbraio 2013**

**Servizi essenziali appoggiati su linee  
ADSL: server web, posta elettronica,  
registro elettronico, OPAC biblioteca,  
...**

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# **Un breve excursus sulla cronistoria tecnologica del Liceo artistico Amedeo Modigliani (Padova)**

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**Infrastruttura informatica obsoleta  
(hardware datato, pochi servizi a  
disposizione di studenti, docenti e  
personale)**

# Febbraio 2013

- **Viene aperto un bando per il rinnovamento dell'infrastruttura informatica**
- **Viene chiesta al Consortium GARR la possibilità di accedere alla rete GARR**

**Marzo 2013**

- **Il Consortium GARR ed il Liceo Modigliani avviano le pratiche per il collegamento alla rete GARR**

**Giugno 2013**

- **Il Liceo A. Modigliani conclude il bando per il rinnovo dell'infrastruttura informatica**



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# Luglio 2013

- **Iniziano i lavori di installazione e configurazione di tutti i server e desktop presenti nel liceo**

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**Agosto 2013**

- **Terminano i lavori**

## Ottobre 2013

- **Viene attivato il collegamento alla rete GARR, l'inaugurazione avviene durante il Linux Day giornata dedicata al software libero ed alla conoscenza libera**

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# LA NUOVA INFRASTRUTTURA

The background features a dark grey gradient with a complex network of thin, light blue lines and small circular nodes, resembling a data network or fiber optic connections.

**27 server virtuali**

**6 virtual lan**

**15 switch con link a 10Gbit/s**

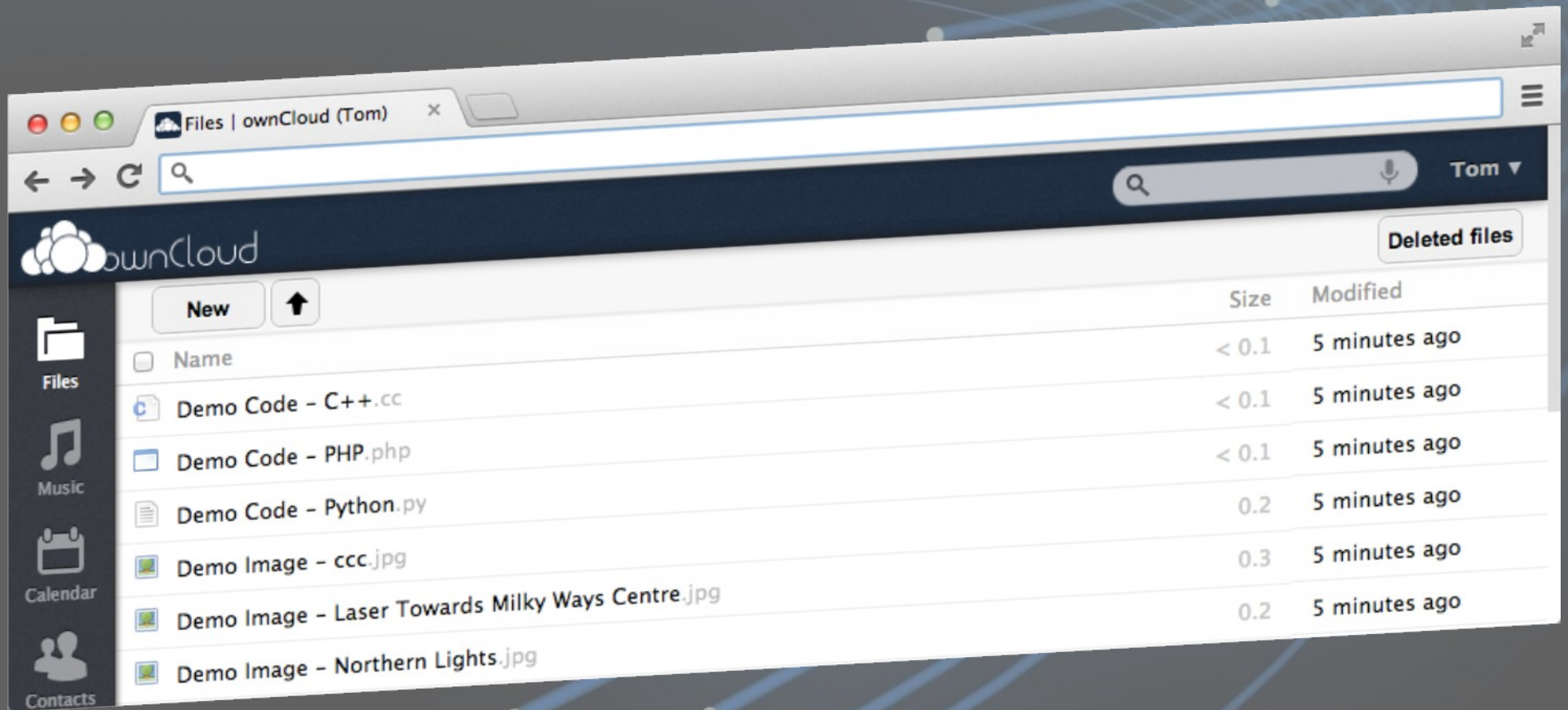
**15 access point b/g/n/ac**

**1100 account e-mail**

**12TB di storage (42% used)**

**140 client**

# CLOUD



The screenshot displays the ownCloud web interface in a browser window. The browser's address bar shows the URL "Files | ownCloud (Tom)". The interface includes a search bar, a user profile "Tom", and a sidebar with navigation icons for Files, Music, Calendar, and Contacts. The main content area shows a file list with columns for Name, Size, and Modified. A "New" button and an upload icon are visible at the top of the file list. A "Deleted files" button is located in the top right corner of the interface.

Name	Size	Modified
<input type="checkbox"/> Name	< 0.1	5 minutes ago
<input type="checkbox"/> Demo Code - C++.cc	< 0.1	5 minutes ago
<input type="checkbox"/> Demo Code - PHP.php	< 0.1	5 minutes ago
<input type="checkbox"/> Demo Code - Python.py	0.2	5 minutes ago
<input type="checkbox"/> Demo Image - ccc.jpg	0.3	5 minutes ago
<input type="checkbox"/> Demo Image - Laser Towards Milky Ways Centre.jpg	0.2	5 minutes ago
<input type="checkbox"/> Demo Image - Northern Lights.jpg		

# GROUPWARE

The screenshot displays the Kolab Groupware web interface. At the top, there are navigation links for 'About' and 'Get support', and a user profile for 'thomas@roundcube.net' with a 'Logout' button. A dark navigation bar contains icons and labels for 'Mail', 'Address Book', 'Calendar', 'Tasks' (highlighted), 'Files', and 'Settings'. The main header features the 'Kolab Groupware' logo and a search bar. Below the header, a 'New Task' button is visible. The central area is a task list with a filter bar showing 'All' (14), 'Overdue' (2), 'Flagged' (3), 'Today' (2), 'Tomorrow' (1), 'Next 7 days', 'Later', 'No date', and 'Complete'. The task list includes items such as 'Tasks module for Roundcube', 'Get started with the "tasklist" plugin for Roundcube', 'Implement attachments', 'Driver for Kolab-storage' (checked), 'Test and use libkolab PHP bindings', 'Screens for Kolab 3.0 alpha', and 'Test rcube\_idap with Kolab server'. Each task has a checkbox, a flag icon, and associated tags like 'Roundcube', 'Kolab', 'Testing', and 'LDAP'.

About Get support

thomas@roundcube.net Logout

Mail Address Book Calendar Tasks Files Settings

Kolab Groupware

Create new Task (e.g. Saturday, Mow the lawn)

New Task

Tags

Kolab LDAP PGP Roundcube

Testing WebODF

All 14 Overdue 2 Flagged 3 Today 2 Tomorrow 1 Next 7 days Later No date Complete


- Tasks module for Roundcube
- Get started with the "tasklist" plugin for Roundcube
- Implement attachments
- Driver for Kolab-storage
- Test and use libkolab PHP bindings
- Screens for Kolab 3.0 alpha
- Test rcube\_idap with Kolab server

MOODLE



moodle



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**E molti altri servizi: copertura WiFi,  
Single Sign-On, streaming, VoIP, ...**

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# GARR: IL VALORE AGGIUNTO

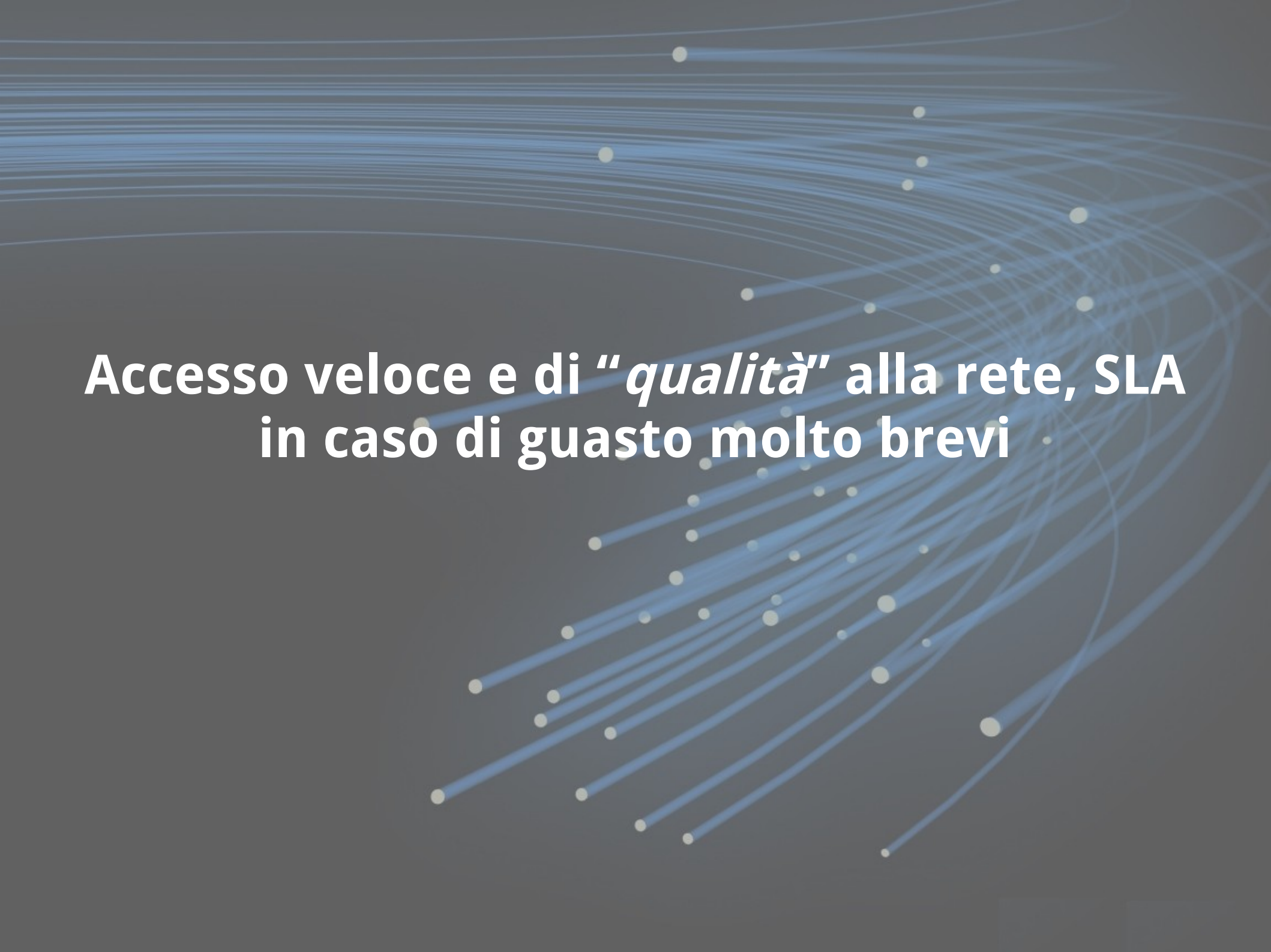
The background features a dark grey gradient with a complex pattern of thin, light blue lines and dots. The lines are mostly horizontal and slightly curved, creating a sense of motion or data flow. The dots are small, light blue circles scattered across the scene, some appearing to be at the end of the lines. The overall aesthetic is modern and technical.

**FRUIBILITÀ**

**Studenti e docenti possono da qualsiasi parte del mondo (scuola, casa, luoghi di vacanza, all'estero, ...) raggiungere tutti i servizi della scuola, tramite collegamenti vpn (file server, ...) o tramite l'accesso diretto al servizio (mail server, streaming, moodle, cloud, groupware...)**

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**FRUIBILITÀ**

The background features a complex network of thin, light blue lines that curve and intersect across the frame. Scattered throughout this network are numerous small, semi-transparent white dots, some of which appear to be at the ends of the lines, suggesting a data flow or network topology. The overall aesthetic is clean, modern, and technical.

**Accesso veloce e di "*qualità*" alla rete, SLA  
in caso di guasto molto brevi**

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# I SERVIZI DI GARR

- 
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- **Collegamento in fibra ottica al PoP San Francesco (Università di Padova)**
  - **GARR-LIR**
  - **GARR-CA**
  - **GARR-NOC**
  - **GARR-CERT**
  - **EduRoam**
  - **IDEM**
  - **IPv6**

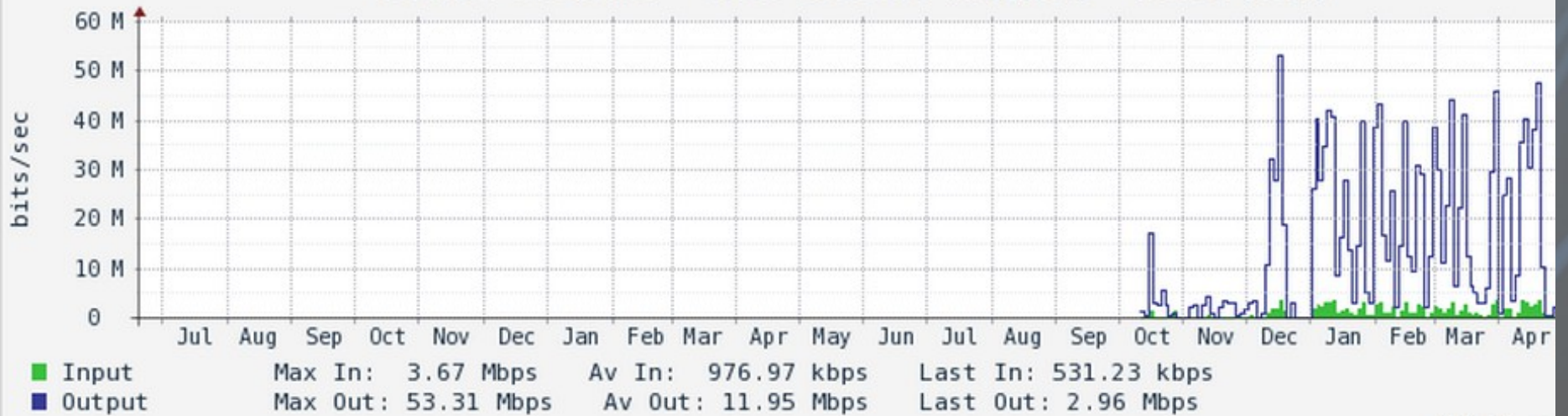


**Dopo un periodo di formazione al personale tecnico, agli studenti ed ai docenti, i servizi messi a disposizione dall'infrastruttura e accessibile grazie alla rete GARR vengono usati quotidianamente da tutti i protagonisti del mondo della scuola**

The background features a complex network of thin, light blue lines that curve and flow across the frame. Interspersed among these lines are numerous small, semi-transparent white dots of varying sizes, creating a sense of depth and movement. The overall aesthetic is clean, modern, and evocative of digital connectivity or data flow.

**L'uso della “rete” ora**

Traffic: PDSL01000P - Liceo Artistico Modigliani - Padova [Year]



IPv6 Traffic: Liceo Artistico Modigliani - Padova -- PoP Padova - S.Francesco [Month]



Input Peak	Max In: 3.48 Mbps	Av In: 26.31 kbps	Last In: 25.71 kbps
Output Peak	Max Out: 13.34 Mbps	Av Out: 350.41 kbps	Last Out: 1.43 Mbps
Input	Max In: 146.04 kbps	Av In: 4.48 kbps	Last In: 1.93 kbps
Output	Max Out: 1.92 Mbps	Av Out: 59.18 kbps	Last Out: 90.75 kbps

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**DOMANDE**