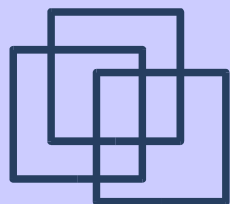


**Corsi di Formazione "Open Source & Scuola"**  
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**gennaio 2005 – aprile 2005**

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**LINUX E DEVICES**

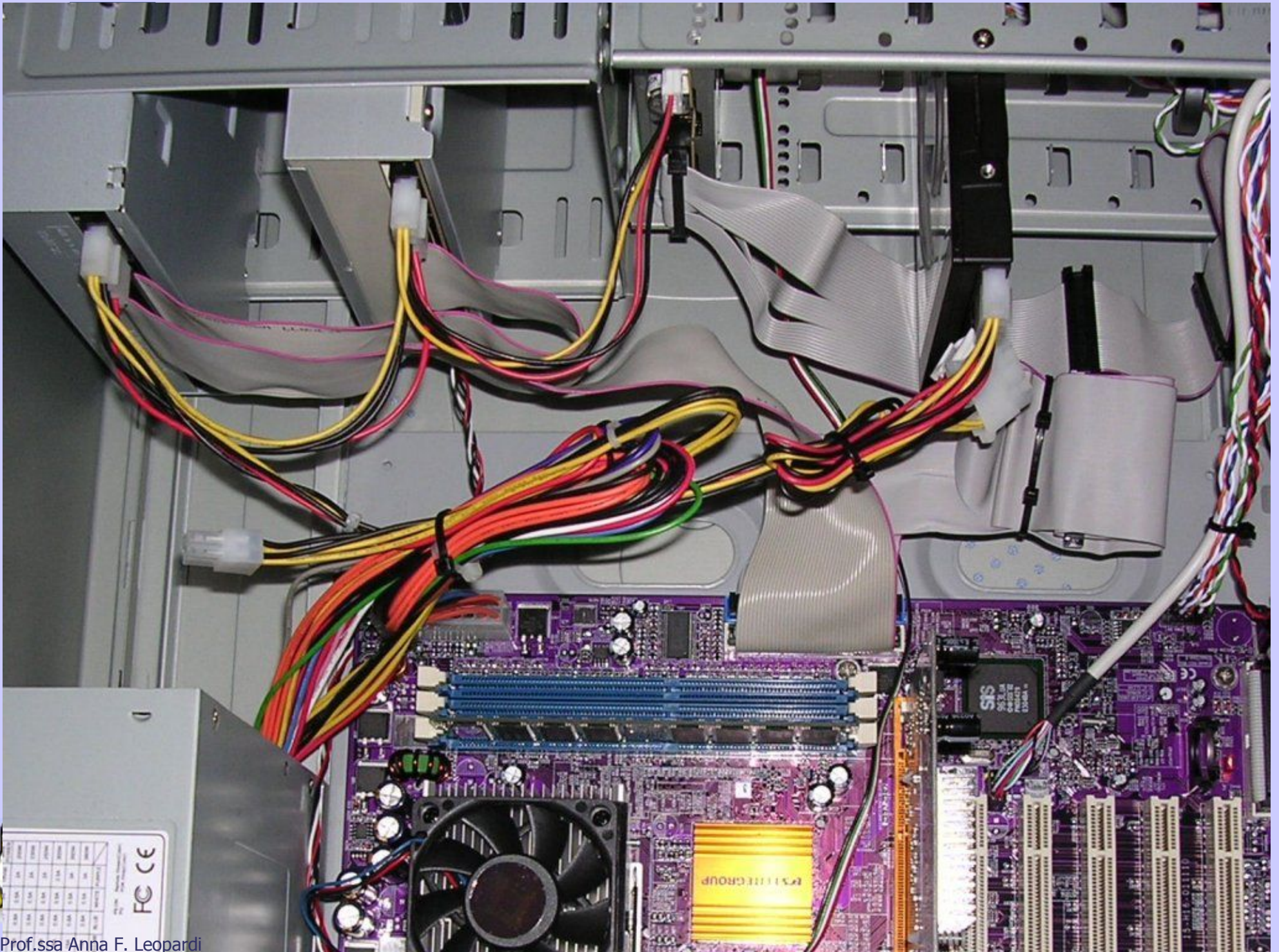


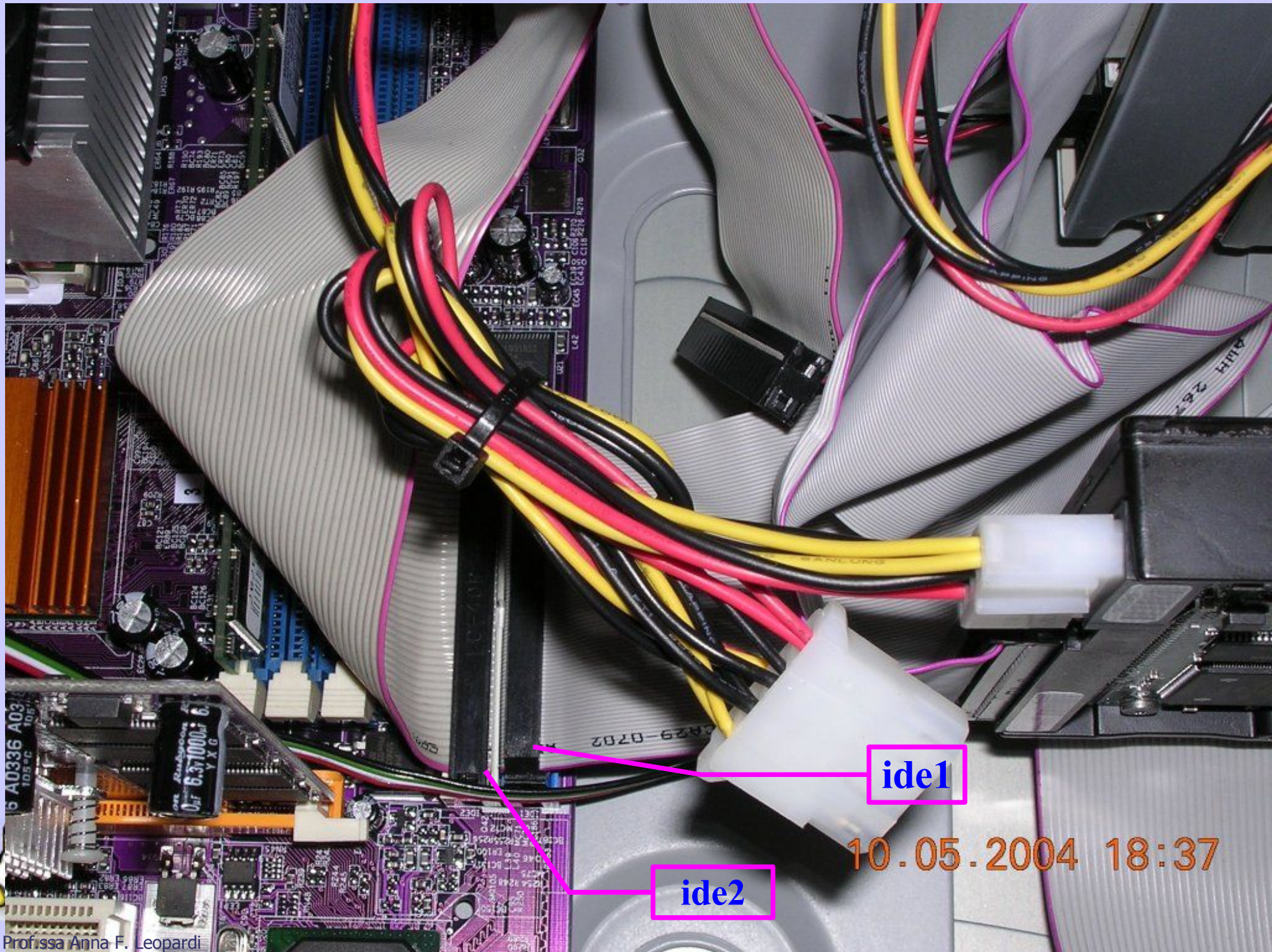


# I Dischi

Hardware	Dispositivi	Linux	Windows
Floppy	Lettore floppy	<b>fd0</b>	A:
Master Primario(ide1)	Hard disk	<b>hda</b>	C:
Slave Primario (ide1)	Lettore cdrom	<b>hdb</b>	E:
Master Secondario (ide2)	Masterizzatore	<b>hdc</b>	D:
Slave Secondario (ide2)	Secondo hard disk	<b>hdd</b>	F:
Scsi	Hard disk	<b>sda, sdb</b>	G:



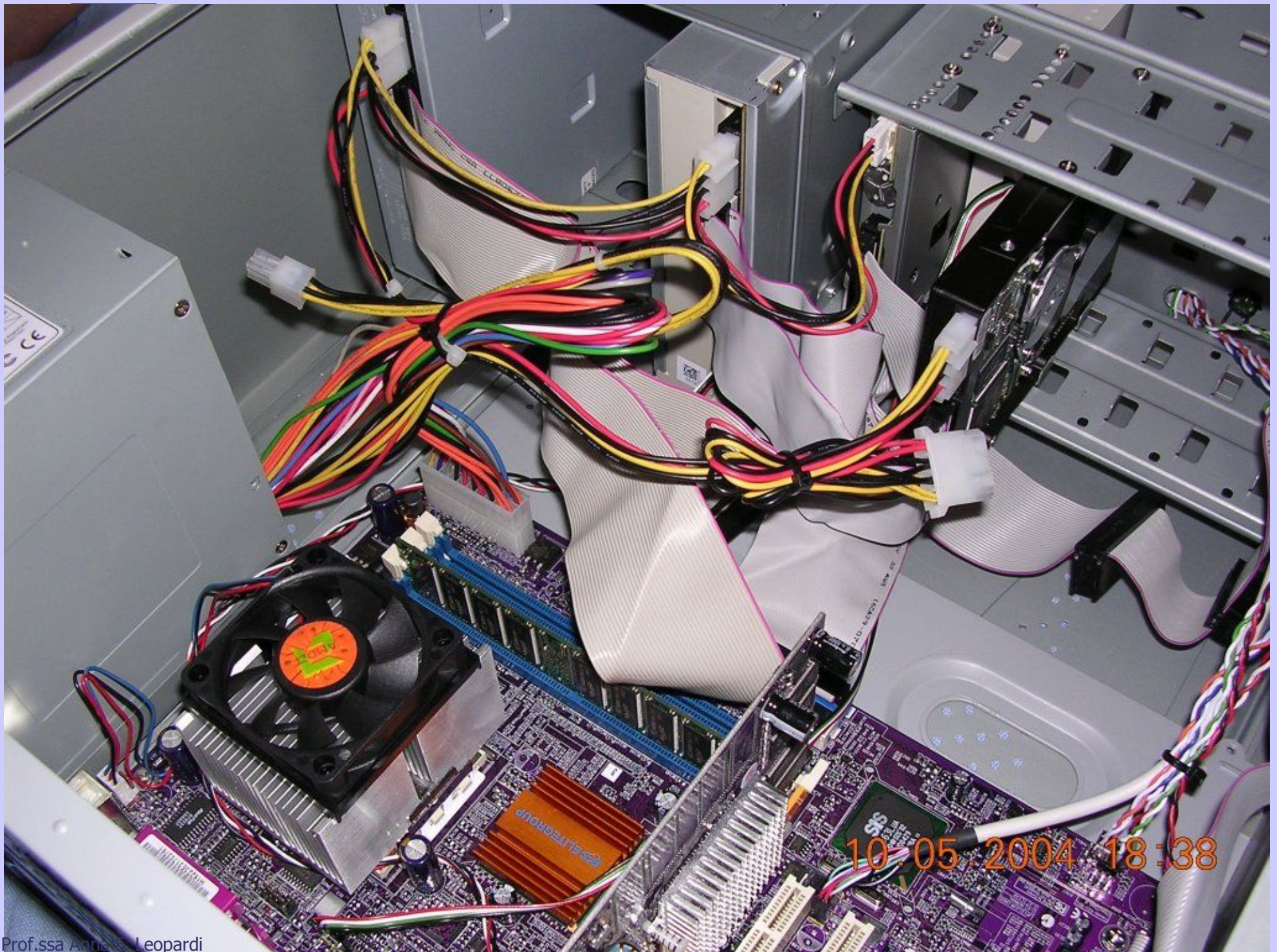


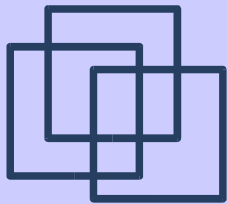


ide1

ide2

10.05.2004 18:37





# Le Partizioni

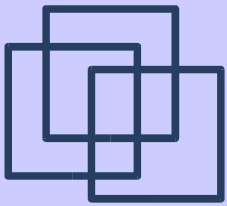
```
root@linuxbox:/home/annik# fdisk -l
```

```
Disk /dev/hda: 60.0 GB, 60011642880 bytes  
255 heads, 63 sectors/track, 7296 cylinders  
Units = cilindri of 16065 * 512 = 8225280 bytes
```

Dispositivo	Boot	Start	End	Blocks	Id	System
/dev/hda1	*	1	2432	19535008+	7	HPFS/NTF
/dev/hda2		2433	7296	39070080	f	W95 Ext'
/dev/hda5		2433	3721	10353861	b	W95 FAT3
/dev/hda6		3722	4875	9269473+	83	Linux
/dev/hda7		4876	4940	522081	82	Linux sw
/dev/hda8		4941	6273	10707291	83	Linux
/dev/hda9		6274	7296	8217216	83	Linux

```
root@linuxbox:/home/annik# █
```





## Il file /etc/fstab...

```
/dev/hda7      swap          swap          defaults      0 0
/dev/hda9      /             ext3          defaults      1 1
/dev/hda6      /mnt/hda6    ext3          defaults      0 0
/dev/hda8      /mnt/hda8    ext3          defaults      0 0
/dev/hda5      /mnt/winfat  vfat          noauto,owner,user,rw,exec 0 0
/dev/sdb1      /mnt/pen     vfat          noauto,owner,user,rw,exec 0 0
/dev/cdrom     /mnt/cdrom   iso9660       noauto,owner,user,ro,exec 0 0
/dev/fd0       /mnt/floppy  auto          noauto,owner 0 0
devpts        /dev/pts     devpts        gid=5,mode=620 0 0
proc          /proc        proc          defaults      0 0
~
~
~
```



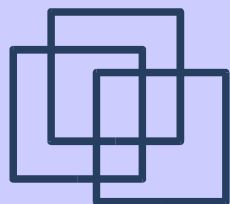
**Partizioni e dispositivi**

**Directory o punti di montaggio**

**Tipo di file system**

**Permessi**

**Funzioni di controllo in fase di boot**



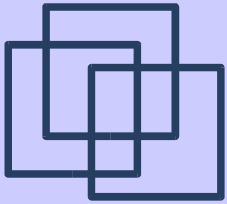
## ... e il montaggio dei dispositivi

The screenshot shows the KDiskFree application window with a menu bar (File, Impostazioni, Aiuto) and a table of disk usage. The table has columns for Icona, Dispositivo, Tipo, Dimensione, Punto di montaggio, Libero, % pieno, and Utilizzo. The Utilizzo column contains green progress bars representing the percentage of space used.

Icona	Dispositivo	Tipo	Dimensione	Punto di montaggio	Libero	% pieno	Utilizzo
	/dev/cdrom	iso9660	n/d	/mnt/cdrom	0 Byte	n/d	
	/dev/fd0	auto	n/d	/mnt/floppy	0 Byte	n/d	
	/dev/hda5	vfat	9,9 GByte	/mnt/winfat	4,7 GByte	52,2%	<div style="width: 52.2%;"></div>
	/dev/hda6	ext3	8,7 GByte	/mnt/hda6	5,0 GByte	42,5%	<div style="width: 42.5%;"></div>
	/dev/hda8	ext3	10,1 GByte	/mnt/hda8	7,3 GByte	26,9%	<div style="width: 26.9%;"></div>
	/dev/hda9	ext3	7,6 GByte	/	3,1 GByte	59,5%	<div style="width: 59.5%;"></div>
	/dev/sdb1	vfat	n/d	/mnt/pen	0 Byte	n/d	
	/dev/sr0	?	119,3 MByte	/mnt/cdrom	0 Byte	100,0%	<div style="width: 100%; background-color: gray;"></div>

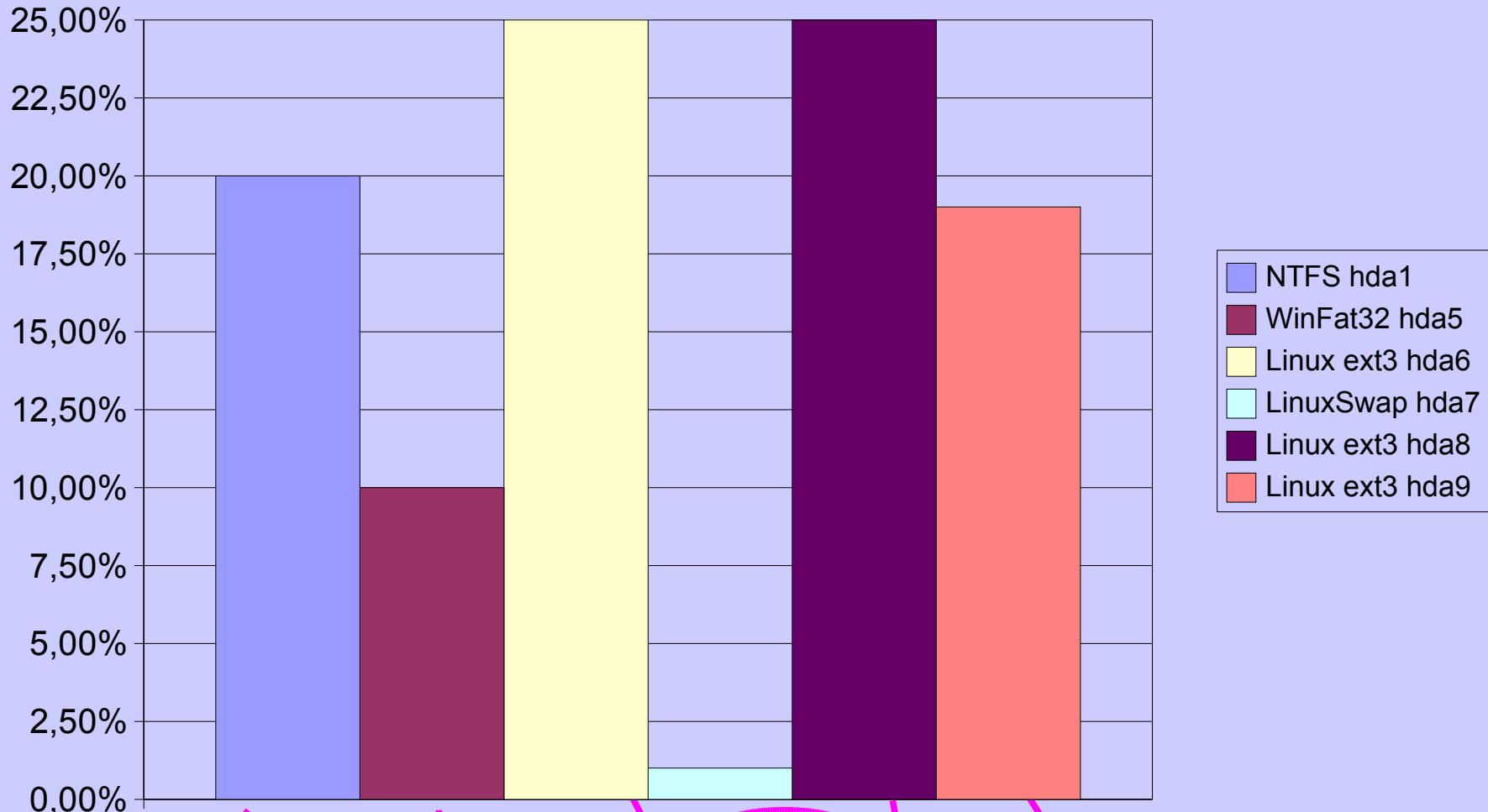






# Schema riassuntivo

## Partizioni e file system



/mnt/ntfs

/mnt/winfat

Riga 2 /mnt/hda6

/mnt/hda8

/