

# CORE FACILITIES

## RATES 2017



### MICROFAB SPACE (CLEAN ROOM)

EQUIPMENT	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
Oven	h	4.21	5.26
Plasma Cleaner	Process	7.20	9.00
Optical Microscope	h	10.40	13.00
Interferometric Microscope	h	24.52	30.65
Profilometer	h	24.80	31.00
Spin-Coater	h	20.00	25.00
Mask Aligner	h	16.80	21.00
UV Omnicure	h	12.00	15.00
Microarrayer	h	40.00	50.00
Contact Angle	h	32.00	40.00
Chemical Bath	h	41.20	51.50

PHOTOLITHOGRAPHY SERVICES	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
Photolithography Auto-service Includes: Mask-Aligner, Spin-Coater and Chemical Bath	H	63.20	79.00
Photolithography with Technician	H	96.00	120.00

DIRECT WRITE LITHOGRAPHY (DWL) SERVICES	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
Direct write lithography Includes: File design verification and lithography process	1" area	120.00	150.00
5" Photomask fabrication Includes: File design verification, lithography process, mask substrate and package	Unt.	480.00	600.00

E-BEAM LITHOGRAPHY (EBL) SERVICES	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
Sample preparation	h	92.00	115.00
E-beam lithography	h	57.60	72.00

THERMAL AND E-BEAM EVAPORATOR SERVICES	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
Thermal Evaporator	Process	110.40	138.00
E-beam Evaporator	Process	110.40	138.00
Sputtering	Process	110.40	138.00
Additional layer	Process	25.20	31.50
Associated Consumables:			
Sputtering gold	nm	1.47	1.47
Thermal gold	nm	3.35	3.35
Cr, Ti, SiO2 and Al2O3	nm	0.41	0.41
Al	nm	0.61	0.61

OTHER SERVICES	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
Silanization	Process	18.08	22.60

CONSUMABLES	UNIT	PRICE (€)
4" silicon wafer	Unt.	20.25
3" silicon wafer with an oxide layer	Unt.	38.50
4" silicon wafer with 20 nm SiO2	Unt.	73.00
Plastic box for wafers	Unt.	16.25
Plastic box for 5" Cr mask	Unt.	11.50
PDMS polymer	10 gr.	5.00

## MICROSCOPY CHARACTERIZATION

ULTRA-HIGH RESOLUTION FIELD EMISSION SCANNING ELECTRON MICROSCOPE (SEM)	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
With technician	h	92.00	115.00
Gold coating for SEM Samples:			
Sputtering	Process	27.20	34.00
- Sputtering gold	nm	1.47	1.47
- Technician	h	42.40	53.00

## TECHNICIANS

	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
<b>Specialist technician</b>	h	42.40	53.00
<b>Superior technician</b>	h	76.80	96.00

VAT not included.

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