

# CORE FACILITIES

## RATES 2023



### MICROFAB SPACE (CLEAN ROOM) FACILITY

Ref. SAP	EQUIPMENT	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
001-PTN	Oven	h	4.58	4.69	5.87
002-PTN	Plasma Cleaner	Process	8.00	8.20	10.25
003-PTN	Optical Microscope Olympus	h	11.54	11.84	14.80
066-PTN	Optical Microscope Nikon	h	6.60	6.76	8.46
053-PTN	Stereo Microscope Olympus	h	10.14	10.40	13.00
004-PTN	Interferometric Microscope	h	27.12	27.82	34.78
005-PTN	Profilometer	h	27.45	28.16	35.20
006-PTN	Spin-Coater	h	22.18	22.75	28.43
009-PTN	Mask Aligner SÜSS	h	24.73	25.37	31.71
067-PTN	Mask Aligner KLOÉ	h	24.73	25.37	31.71
047-PTN	Contact Angle	h	35.45	36.36	45.45
010-PTN	Chemical Bath	h	45.59	46.46	58.45
054-PTN	3D Printer SOLUS*	h	17.20	17.64	22.05
072-PTN	3D Printer MICROLAY*	h	17.20	17.64	22.05
075-PTN	3D Printer (Extrusion) PRUSA* <b>NEW!</b>	h	14.04	14.40	18.00
076-PTN	Puncher <b>NEW!</b>	h	7.80	8.00	10.00
077-PTN	Polymer Pump <b>NEW!</b>	h	7.80	8.00	10.00

\*Materials and accessories to use the system not included.

Ref. SAP	PHOTOLITHOGRAPHY SERVICES – SÜSS MASK ALIGNER	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
012-PTN	Photolithography Auto-service with materials Includes: Mask-Aligner, Spin-Coater and Chemical Bath	h	70.00	71.79	89.74
055-PTN	Photolithography Auto-service without materials Includes: Mask-Aligner, Spin-Coater and Chemical Bath	h	43.70	44.82	56.02
011-PTN	Photolithography Service with materials	h	106.36	109.08	136.35

<b>063-PTN</b>	<b>Photolithography Service without materials</b>	h	70.08	71.88	89.85
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<b>Ref. SAP</b>	<b>PHOTOLITHOGRAPHY SERVICES – KLOÉ MASK ALIGNER – NEW!</b>	<b>UNIT</b>	<b>CERCA INSTITUTIONS PRICE (€)</b>	<b>PUBLIC INSTITUTIONS PRICE (€)</b>	<b>PRIVATE INSTITUTIONS PRICE (€)</b>
<b>069-PTN</b>	<b>Photolithography Auto-service with materials Includes: Mask-Aligner, Spin-Coater and Chemical Bath</b>	h	70.00	71.79	89.74
<b>068-PTN</b>	<b>Photolithography Auto-service without materials Includes: Mask-Aligner, Spin-Coater and Chemical Bath</b>	h	42.46	43.55	54.44
<b>070-PTN</b>	<b>Photolithography Service with materials</b>	h	106.36	109.08	136.35
<b>071-PTN</b>	<b>Photolithography Service without materials</b>	h	70.08	71.88	89.85

<b>Ref. SAP</b>	<b>DIRECT WRITE LITHOGRAPHY (DWL) SERVICES</b>	<b>UNIT</b>	<b>CERCA INSTITUTIONS PRICE (€)</b>	<b>PUBLIC INSTITUTIONS PRICE (€)</b>	<b>PRIVATE INSTITUTIONS PRICE (€)</b>
<b>028-PTN</b>	<b>Direct write lithography: molds</b>	Unt.	151.74	155.63	194.54
<b>029-PTN</b>	<b>5" Photomask fabrication</b>	Unt.	494.68	507.36	634.20

<b>Ref. SAP</b>	<b>E-BEAM LITHOGRAPHY (EBL) SERVICES</b>	<b>UNIT</b>	<b>CERCA INSTITUTIONS PRICE (€)</b>	<b>PUBLIC INSTITUTIONS PRICE (€)</b>	<b>PRIVATE INSTITUTIONS PRICE (€)</b>
<b>020-PTN</b>	<b>Sample preparation</b>	h	126.55	129.80	162.25
<b>021-PTN</b>	<b>E-beam lithography</b>	h	65.76	67.45	84.31

<b>Ref. SAP</b>	<b>THERMAL AND E-BEAM EVAPORATOR SERVICES</b>	<b>UNIT</b>	<b>CERCA INSTITUTIONS PRICE (€)</b>	<b>PUBLIC INSTITUTIONS PRICE (€)</b>	<b>PRIVATE INSTITUTIONS PRICE (€)</b>
<b>013-PTN</b>	<b>Thermal Evaporator</b>	Process	122.43	125.57	156.96
<b>014-PTN</b>	<b>E-beam Evaporator</b>	Process	122.43	125.57	156.96
<b>015-PTN</b>	<b>Sputtering</b>	Process	122.43	125.57	156.96
<b>016-PTN</b>	<b>Additional layer</b>	Process	27.95	28.67	35.83
<b>064-PTN</b>	<b>Thermal and E-beam Evaporator auto-service**</b>	h	28.86	29.60	37.00
	<b>Associated Consumables:</b>				
<b>032-PTN</b>	<b>Sputtering gold</b>	nm	1.63	1.63	1.63
<b>033-PTN</b>	<b>Thermal gold</b>	nm	3.72	3.72	3.72
<b>056-PTN</b>	<b>Al2O3</b>	nm	0.45	0.45	0.45
<b>057-PTN</b>	<b>SiO2</b>	nm	0.45	0.45	0.45
<b>058-PTN</b>	<b>Cr</b>	nm	0.45	0.45	0.45
<b>059-PTN</b>	<b>Ti</b>	nm	0.45	0.45	0.45
<b>035-PTN</b>	<b>Al</b>	nm	0.68	0.68	0.68

065-PTN	ITO	nm	0.45	0.45	0.45
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**\*\*Specific evaluation required.**

Ref. SAP	OTHER SERVICES	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
043-PTN	Silanization	Process	20.61	21.14	26.43

Ref. SAP	CONSUMABLES*	UNIT	PRICE (€)***
WSF40525250P1314SNN2-INF	4" silicon wafer, CZ Si, N-type (Phosphorous), 525um thick, 111-oriented, 1-10Ωcm	Unt.	16.91
Si-Wafer-INF	4" silicon wafer, CZ Si, N-type (Phosphorous), 4", 525um thick, 100-oriented, 1-10Ωcm	Unt.	14.97
Wafer-INF	4" Soda Lime Glass wafer, 550um thick. NO orientation Flat, wafers are completely round	Unt.	15.86
MASK CR5-INF	5" Photomask	Unt.	44.39
E-H60-50-0615-INF	Plastic box for 5" Cr mask	Unt.	12.68
042-PTN	PDMS polymer	10 gr.	5.55
ECO-FLEX-0030-INF	Ecoflex 00-30	gr.	0.16
202579-INF	Epoxy kit Eden	gr.	0.53

**\*\*\*Prices that may change depending on the purchase price.**

## MICROSCOPY CHARACTERIZATION FACILITY

Ref. SAP	ULTRA-HIGH-RESOLUTION FIELD EMISSION SCANNING ELECTRON MICROSCOPE (SEM)	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
022-PTN	With technician	h	126.55	129.80	162.25
	Biological samples preparation				
060-PTN	Chemical fixation (1 to 6 samples)	Process	82.45	84.56	105.70
073-PTN	Critical Point <b>NEW!</b>	h	11.70	12.00	15.00
	Gold coating for SEM Samples:				
017-PTN	- Sputtering	process	29.43	30.19	37.73
032-PTN	- Sputtering gold	nm	1.63	1.63	1.63
074-PTN	- Technician	process	66.37	68.07	85.09

Ref. SAP	CONFOCAL MICROSCOPY	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
061-PTN	Service	h	28.86	29.60	37.00
074-PTN	Technician	h	66.37	68.07	85.09

## BIOIMAGING FACILITY<sup>⊖</sup> – NEW!!!!

Ref. SAP	CELLULAR AND PRECLINICAL IMAGING BY MAGNETIC RESONANCE	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
001-BIMG	Magnetic Resonance Imaging (MRI)	h	37.83	51.82	86.36
002-BIMG	Anesthesia	h	1.51	2.06	3.44
003-BIMG	Dynamic Nuclear Polarization (DNP)	h	14.03	19.22	32.04
004-BIMG	Nuclear Magnetic Resonance (NMR)	h	4.06	5.57	9.28
005-BIMG	Para-hydrogenation	h	7.00	9.59	15.98

<sup>⊖</sup>All researchers who are interested in the BioImaging services, would have to submit previously a project proposal.

## TECHNICIANS

Ref. SAP		UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
074-PTN	Technician	h	66.37	68.07	85.09

Internal spin-offs will have a 10% discount on private institutions prices.

VAT not included.

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