

Instituto de Ciencia de Materiales de Madrid

SCIENTIFIC FACILITIES RATES 2026

Rates valid until March 31, 2027



CSIC icmm

EXCELENCIA
SEVERO
OCHOA

01 X-RAY DIFFRACTION

SERVICE CODE: 823689

CONCEPT	CUSTOMER				
	ICMM	CSIC	UAM Excellence Campus and CSIC Joint Centers	Spanish public Universities , AGE, OPIS	Private Organizat ions/ Others
Structural characterization: Qualitative powder XRD: Phase identification, quantification (Rietveld), microdiffraction (€/hour)	12,85	15,07	15,07	35,73	39,13
Structural characterization: Full data collection and integration ($100\text{K} < T^a < 673\text{K}$), powder in transmission (capillaries) $RT < T^a < 817\text{K}$ and pressure cell (€/hour)	14,28	16,75	16,75	28,12	30,8
Structural characterization: Single crystal XRD: Single crystal X-ray diffraction - He , full data collection and integration $< 100\text{k}$ (€/hour)	52,91	62,06	62,06	78,22	85,67

NOTE: Rates do not include VAT if applicable.

02 NUCLEAR MAGNETIC RESONANCE (NMR)

SERVICE CODE: 823695

CONCEPT	CUSTOMER				
	ICMM	CSIC	UAM Excellence Campus and CSIC Joint Centers	Spanish public Universities, AGE, OPIS	Private Organizations/ Others
Measurement of relaxation times and diffusion coefficients: sample preparation (€/ hour)	3,14	3,68	3,68	17,3	18,95
Measurement of relaxation times and diffusion coefficients: machine time (€/ hour)	8,4	9,86	9,86	46,7	51,14
Measurement of relaxation times and diffusion coefficients: machine time (€/night)	45,11	52,91	52,91	123,99	135,8
Nuclear Magnetic Resonance of Solids: preparation (€/ sample)	3,14	3,68	3,68	17,3	18,95
Nuclear Magnetic Resonance of Solids: machine time (€/ hour)	8,4	9,86	9,86	46,7	51,14
Nuclear Magnetic Resonance of Solids: machine time (€/ night)	45,11	52,91	52,91	123,99	135,8
Nuclear Magnetic Resonance of Solids: machine time (€/ weekend)	152,74	179,16	179,16	302,76	331,59
Analysis of compounds: solution NMR: Bruker 300 MHz (self-service) (€/hour)	5,24	6,15	6,15	16,62	18,21
Analysis of compounds: solution NMR: Bruker 300 MHz (self-service) (€/night)	14,6	17,2	17,2	48,41	53,02

NOTE: Rates do not include VAT if applicable.

03 FIELD EMISSION SCANNING ELECTRON MICROSCOPY (FE-SEM ULTRA-HIGH RESOLUTION) SERVICE CODE: 823692

CONCEPT	CUSTOMER				
	ICMM	CSIC	UAM Excellence Campus and CSIC Joint Centers	Spanish public Universities, AGE, OPIS	Private Organizat ions/ Others
High resolution scanning electron microscopy: Field emission electron microscopy (€/hour)	1,85	2,17	2,17	55,92	61,25
Scanning electron microscopy (SEM): Electron microscopy using Clean Connect (€/hour)	1,85	2,17	2,17	74,36	81,44
Metallization of Samples by Sputtering (€/process)	7,68	9,01	9,01	21,65	23,72

NOTE: Rates do not include VAT if applicable.

04 CHEMICAL AND THERMAL ANALYSIS

SERVICE CODE: 823698 (CHEMICAL) / 824878 (THERMAL)

CONCEPT	CUSTOMER				
	ICMM	CSIC	UAM Excellence Campus and CSIC Joint Centers	Spanish public Universities, AGE, OPIS	Private Orgs/ Others
CHEMICAL ANALYSIS					
Elemental analysis of CHSN in organic and inorganic solid samples: Elemental analysis CHNS (€ /sample)	12,79	15	15	44,9	49,18
Elemental analysis by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) in liquid samples: ICP-OES analysis (€ /sample/element)	9,47	11,1	11,1	48,1	52,68
Elemental analysis by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) in liquid samples: ICP-OES analysis (>20 samples per element) (€ /sample/element)	5,7	6,69	6,69	30,41	33,31
THERMAL ANALYSIS					
Thermogravimetric Analysis and Differential Thermal Analysis (DTA, TGA): General Q600 (€ /hour)	8,41	9,86	9,86	41,26	45,19
Differential Scanning Calorimetry Analysis (DSC) Low Temperature: General (€ /hour)	11,12	13,04	13,04	41,12	45,03
Mass Spectrometry coupled to thermogravimetry for effluent gases analysis: General Q600 (TGA/DSC) - Mass Spectrometry coupled (€ /hour)	15,11	17,72	17,72	74,91	82,04
Differential Scanning Calorimetry Analysis (DSC): General (€ /hour)	10,65	12,49	12,49	157,52	172,52

NOTE: Rates do not include VAT if applicable.

05

SQUID MAGNETOMETRY
AND LOW TEMPERATURE

SERVICE CODE: 915036

CONCEPT	CUSTOMER				
	ICMM	CSIC	UAM Excellence Campus and CSIC Joint Centers	Spanish public Universities, AGE, OPIS	Private Organizati ons/ Others
AC Susceptibility (€/hour)	12,64	14,83	14,83	37,85	41,46
AC Susceptibility at room temperature: 3Hz- 500 kHz (€/sample)	8,04	9,44	9,44	18,62	20,39
SQUID Magnetometry: SQUID or VSM measurement (€/hour)	13,97	16,39	16,39	40,46	44,31
SQUID Magnetometry: High Temperature 300 - 1000K (€/hour)	33,65	39,47	39,47	64,4	70,54
SQUID Magnetometry: High Pressure up to 1.2 GPa (€/hour)	18,02	21,14	21,14	45,71	50,07

NOTE: Rates do not include VAT if applicable.

06 TEXTURAL CHARACTERIZATION

CÓDIGO SERVICIO: 824880

CONCEPT	CUSTOMER				
	ICMM	CSIC	UAM Excellence Campus and CSIC Joint Centers	Spanish public Universities, AGE, OPIS	Private Organizat ions/ Others
Porosity: Porosimetry (€ /sample)	66,95	78,54	78,54	138,4	151,58
Specific Surface: BET Surface one point (€ /sample)	28,49	33,41	33,41	93,1	101,96
Specific Surface: Specific surface adsorption-desorption N2 isotherm (€ /sample)	37,9	44,45	44,45	111,07	121,64
Adsorption-desorption isotherm of Ar at 87 K (€ /sample)	53,02	62,2	62,2	148,37	162,5

NOTE: Rates do not include VAT if applicable.

07 CHARACTERIZATION AND GROWTH OF THIN FILMS

SERVICE CODE: 883471

CONCEPT	CUSTOMER				
	ICMM	CSIC	UAM Excellence Campus and CSIC Joint Centers	Spanish public Universities, AGE, OPIS	Private Organiza tions/ Others
Hardness determination: Vickers, Rockwell, Brinell: Nanoindentation Hardness determination-Er (€/hour)	12,25	14,37	14,37	66,34	72,66
Profilometry: Contact Profilometry (€/hour)	14,36	16,85	16,85	82,21	90,04
Profilometry: Optical Profilometry (€/hour)	7,91	9,28	9,28	60,2	65,93
Physical Vapor Deposition Sputtering Magnetron: Sputtering film deposition (€/hour)	21,1	24,75	24,75	233,43	255,66
Raman Spectroscopy: Raman Spectrum (€/hour)	9,06	10,63	10,63	61,57	67,44
UV-VIS-NIR Spectroscopy - Visible spectral reflectometry: UV-Vis-NIR Spectrophotometer (€/hour)	26,01	30,51	30,51	90,46	99,08
4-points resistivity measurement (€/hour)	8,01	9,39	9,39	60,73	66,51

NOTE: Rates do not include VAT if applicable.

08 SPARK PLASMA SINTERING

SERVICE CODE: 884701

CONCEPT	CUSTOMER				
	ICMM	CSIC	UAM Excellence Campus and CSIC Joint Centers	Spanish public Universities, AGE, OPIS	Private Organiza tions/ Others
Samples preparation: Ceramic processing by SPS in graphite (€/ sample)	26,5	31,08	31,08	132,45	145,06
Samples preparation: Ceramic processing by SPS in WC (€/ sample)	37,11	43,53	43,53	166,48	182,34

NOTE: Rates do not include VAT if applicable.

09 IR SPECTROPHOTOMETRY AND ELLIPSOMETRY

SERVICE CODE: 823693

CONCEPT	CUSTOMER				
	ICMM	CSIC	UAM Excellence Campus and CSIC Joint Centers	Spanish public Universities, AGE, OPIS	Private Organiza- tions/ Others
Ellipsometry of thin films onto silicon: General (unit)	2,36	2,76	2,76	11,15	12,21
Infrared Spectroscopy of solids: General (unit)	2,32	2,73	2,73	10,53	11,53

* The number of cost units for each individual measurement is determined by the Service according to the workload and time required.

NOTE: Rates do not include VAT if applicable.

10 MICRO AND NANOFABRICATION CLEAN ROOM

SERVICE CODE: 824881

CONCEPT	CUSTOMER				
	ICMM	CSIC	UAM Excellence Campus and CSIC Joint Centers	Spanish public Universities, AGE, OPIs	Private Organiza- tions/ Others
Photolithography: pattern fabrication (€/sample)	21,57	25,3	25,3	66,24	72,54
Maskless UV photolithography (€/sample)	22,53	26,43	26,43	67,23	73,63
Two-photon 3D lithography – Nanoscribe (€/sample)	24,28	28,49	28,49	69,76	76,4
Metallization (Sputtering): General (€/hour)	5,46	6,41	6,41	45,35	49,67
Samples treatment: metallization by evaporation: General (€/hour)	10,53	12,36	12,36	52,42	57,42
Physical Vapour Deposition: ALD (atomic layer deposition) (€/hour)	6,74	7,9	7,9	47	51,48
Packaging-Assembly: Wire bonding ball (€/hour)	1,58	1,85	1,85	40,32	44,16
Plasma treatment of surfaces (€/process)	4,26	5	5	43,8	47,97
Four-point probe electrical characterization (€/hour)	1,87	2,19	2,19	40,69	44,56

NOTE: Rates do not include VAT if applicable.

CONTACT INFO



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