

NIMS Analysis and Evaluation Shared Equipment Price Table (ARIM : Data Provision)

Tax excluded per hour (Japanese Yen)

Equipment ID	Equipment	Rate per Charge	Universities and Public Research Institutes/Start-ups					Small to Medium Enterprises					Large Enterprises				
			Self-Use	Technical Support	Fabrication Service1	Fabrication Service2	Fabrication Service3	Self-Use	Technical Support	Fabrication Service1	Fabrication Service2	Fabrication Service3	Self-Use	Technical Support	Fabrication Service1	Fabrication Service2	Fabrication Service3
NM-001	NMR	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-002	LC-MS(Q-Exactive Plus)	Hour(1h)	2,200	3,800	5,400			4,400	7,600	10,800			6,600	11,400	16,200		
NM-020	LC-MS(Orbitrap Exploris 480)	Hour(1h)	3,300	4,900	6,500			6,600	9,800	13,000			9,900	14,700	19,500		
NM-003	Raman microscope	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-004	Confocal laser scanning fluorescence microscope	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-005	Atomic force microscope (AFM) in liquid	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-006	Tabletop scanning electron microscope (SEM)	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-007	Surface plasmon resonance (SPR) instrument	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-008	Plate reader	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-009	Spectrophotometer	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-010	Fluorescence spectrophotometer	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-011	FT-IR	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-012	Circular dichroism (CD)	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-013	Zeta potential analyzer	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-014	Dynamic light scattering (DLS) spectrophotometer	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-015	Particle size analyzer	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-016	Contact angle meter	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-017	Texture analyzer	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-018	HPLC with MS	Hour(1h)	2,200	3,800	5,400			4,400	7,600	10,800			6,600	11,400	16,200		
NM-019	Gel permeation chromatography (GPC)	Hour(1h)	1,100	2,700	4,300			2,200	5,400	8,600			3,300	8,100	12,900		
NM-101	500 MHz Solid-State NMR (I) (JNM-ECA 500)	Day(8h)	1,100	2,700	2,860	4,300		2,200	5,400	5,720	8,600		3,300	8,100	8,580	12,900	
NM-102	500 MHz Solid-State NMR (II) (JNM-ECZ500R)	Day(8h)	1,100	2,700	2,860	4,300		2,200	5,400	5,720	8,600		3,300	8,100	8,580	12,900	
NM-103	800 MHz Solid-State high-resolution NMR(JNM-ECA800)	Day(8h)	1,100	2,700	2,860	4,300		2,200	5,400	5,720	8,600		3,300	8,100	8,580	12,900	
NM-201	Single Crystal X-ray Diffractometer for Multiple Environments (XtaLAB Synergy-R/DW Custom)	Hour(1h)	2,200	3,800	3,960	5,400	7,000	4,400	7,600	7,920	10,800	14,000	6,600	11,400	11,880	16,200	21,000
NM-209	sXRD R DW LT Pilatus NSC (VariMax DW AFC11 with Pilatus)	Hour(1h)	2,200	3,800	3,960	5,400	7,000	4,400	7,600	7,920	10,800	14,000	6,600	11,400	11,880	16,200	21,000
NM-204	pXRD Multi Cu R SSL (SmartLab 9 kW)	Hour(1h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-210	pXRD LT/HT Cu1 R NTS (SmartLab 9 kW with cryostat/furnace)	Hour(1h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-211	pXRD Cu ASC NS3 (SmartLab3)	Hour(1h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-212	pXRD Cu ASC NC1 (MiniFlex600.Cu)	Hour(1h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-213	pXRD Cu ASC NC2 (MiniFlex600.Cu)	Hour(1h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-214	pXRD Cr SCR (MiniFlex600 Cr)	Hour(1h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-215	pXRD Cu SMF (MiniFlex600.Cu)	Hour(1h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-216	TF-XRD Cu(SmartLab)	Hour(1h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-202	HAX-PES/XPS (Quantes)	Hour(1h)	2,200	3,800				4,400	7,600				6,600	11,400			
NM-225	XPS (Quantera SXM)	Hour(1h)	2,200	3,800				4,400	7,600				6,600	11,400			
NM-203	Inductively Coupled Plasma Optical Emission Spectrometers / Inductively Coupled Plasma Mass Spectrometers	Hour(1h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-205	Time-of-flight Secondary Ion Mass Spectrometry (TOF-SIMS) (PHI TRIFT V nanoTOF)	Hour(1h)	3,300	4,900				6,600	9,800				9,900	14,700			
NM-206	Oxygen/Nitrogen/Hydrogen Analyzer(ONH836) Carbon/Sulfur Analyzer(CS844)	Hour(1h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-217	TG/DTA+DSC (TG/DTA 6200, X-DSC7000)	Hour(1h)	1,100	2,700				2,200	5,400				3,300	8,100			
NM-218	Zeta-potential/Particle-size analyzer (ELSZ-2000ZS)	Hour(1h)	1,100	2,700				2,200	5,400				3,300	8,100			
NM-219	FT-IR (IRAffinity-1s)	Hour(1h)	1,100	2,700				2,200	5,400				3,300	8,100			
NM-220	UV-Vis-NIR (V-770)	Hour(1h)	1,100	2,700				2,200	5,400				3,300	8,100			
NM-221	Spectrofluorometer (FP-8500DS)	Hour(1h)	1,100	2,700				2,200	5,400				3,300	8,100			
NM-222	Spectrofluorometer (Fluorolog-3)	Hour(1h)	1,100	2,700				2,200	5,400				3,300	8,100			
NM-223	Fourier transform infrared spectrometer (FT/IR-6700)	Hour(1h)	1,100	2,700				2,200	5,400				3,300	8,100			
NM-224	Medium- and low-temperature differential thermal analyzer(DSC200F3)	Hour(1h)	1,100	2,700				2,200	5,400				3,300	8,100			
NM-207	Field Emission Electron Probe Micro-Analyzer (FE-EPMA) (JXA-8500F)	Hour(1h)	2,200	3,800	3,960	5,400	7,000	4,400	7,600	7,920	10,800	14,000	6,600	11,400	11,880	16,200	21,000
NM-208	Scanning Auger Electron Microprobe (CHA Type AES) (JAMP-9500F)	Hour(1h)	2,200	3,800	3,960	5,400	7,000	4,400	7,600	7,920	10,800	14,000	6,600	11,400	11,880	16,200	21,000
NM-226	Schottky FE-SEM (JSM-7001F)	Hour(1h)	2,200	3,800	3,960	5,400	7,000	4,400	7,600	7,920	10,800	14,000	6,600	11,400	11,880	16,200	21,000
NM-227	FE-SEM (SU-8000)	Hour(1h)	2,200	3,800	3,960	5,400	7,000	4,400	7,600	7,920	10,800	14,000	6,600	11,400	11,880	16,200	21,000
NM-403	FIB-SEM combined apparatus for automatic preparation of TEM specimens(NX5000)	Hour(1h)	3,300	4,900	5,060	6,500	8,100	6,600	9,800	10,120	13,000	16,200	9,900	14,700	15,180	19,500	24,300
NM-404	Damage-less TEM specimen milling apparatus (Model 1040 Nanomill)	Hour(1h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-407	Ceramics sample preparation facilities	Hour(1h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-501	Real working environment physical characterization TEM (JEM-ARM200F-G)	Session(3.5h)	4,400	6,000	6,160	7,600	9,200	8,800	12,000	12,320	15,200	18,400	13,200	18,000	18,480	22,800	27,600
NM-502	Real working environment electron holography microscope (JEM-ARM200F-B)	Session(3.5h)	4,400	6,000	6,160	7,600	9,200	8,800	12,000	12,320	15,200	18,400	13,200	18,000	18,480	22,800	27,600
NM-503	200kV field emission transmission electron microscope (JEM-2100F1)	Session(3.5h)	2,200	3,800	3,960	5,400	7,000	4,400	7,600	7,920	10,800	14,000	6,600	11,400	11,880	16,200	21,000
NM-504	200kV field emission transmission electron microscope (JEM-2100F2)	Session(3.5h)	2,200	3,800	3,960	5,400	7,000	4,400	7,600	7,920	10,800	14,000	6,600	11,400	11,880	16,200	21,000
NM-505	200kV transmission electron microscope (JEM-2100)	Session(3.5h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-506	Double-tilt bias and heating TEM holder (Lightning)	Session(3.5h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-507	Double-tilt LN2 cryo TEM holder (Gatan 636)	Session(3.5h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-508	Field emission scanning electron microscope (JSM-7000F)	Session(3.5h)			2,860	4,300	5,900			5,720	8,600	11,800			8,580	12,900	17,700
NM-302	Orthogonal FIB-SEM (SMF-1000)	Hour(1h)	3,300	4,900	6,500	8,100		6,600	9,800	13,000	16,200		9,900	14,700	19,500	24,300	
NM-517	FIB/SEM microfabrication instrument (Helios 650)	Session(3.5h)	2,200	3,800	3,960	5,400	7,000	4,400	7,600	7,920	10,800	14,000	6,600	11,400	11,880	16,200	21,000
NM-509	Dual Beam system (NB5000)	Session(3.5h)	3,300	4,900	5,060	6,500	8,100	6,600	9,800	10,120	13,000	16,200	9,900	14,700	15,180	19,500	24,300
NM-510	Focused Ion Beam system (JIB-4000)	Session(3.5h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-511	Focused Ion Beam system (JEM-9320FIB)	Session(3.5h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-512	Focused Ion Beam system (JEM-9310FIB)	Session(3.5h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-513	Pick-up System	Hour(1h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-514	Ultramicrotome (Leica EM UC6)	Hour(1h)	1,100	2,700	2,860	4,300	5,900	2,200	5,400	5,720	8,600	11,800	3,300	8,100	8,580	12,900	17,700
NM-515	Electron tomography analysis system																

NIMS Analysis and Evaluation Shared Equipment Price Table (ARIM : No Data Provision)

Tax excluded per hour (Japanese Yen)

Equipment ID	Equipment	Rate per Charge	Universities and Public Research Institutes/Start-ups					Small to Medium Enterprises					Large Enterprises						
			Self-Use	Technical Support	Fabrication Service1	Fabrication Service2	Fabrication Service3	Self-Use	Technical Support	Fabrication Service1	Fabrication Service2	Fabrication Service3	Self-Use	Technical Support	Fabrication Service1	Fabrication Service2	Fabrication Service3		
NM-001	NMR	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-002	LC-MS(Q-Exactive Plus)	Hour(1h)	6,600	11,400	16,200				11,000	19,000	27,000				22,000	38,000	54,000		
NM-020	LC-MS(Orbitrap Exploris 480)	Hour(1h)	9,900	14,700	19,500				16,500	24,500	32,500				33,000	49,000	65,000		
NM-003	Raman microscope	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-004	Confocal laser scanning fluorescence microscope	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-005	Atomic force microscope (AFM) in liquid	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-006	Tabletop scanning electron microscope (SEM)	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-007	Surface plasmon resonance (SPR) instrument	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-008	Plate reader	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-009	Spectrophotometer	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-010	Fluorescence spectrophotometer	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-011	FT-IR	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-012	Circular dichroism (CD)	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-013	Zeta potential analyzer	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-014	Dynamic light scattering (DLS) spectrophotometer	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-015	Particle size analyzer	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-016	Contact angle meter	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-017	Texture analyzer	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-018	HPLC with MS	Hour(1h)	6,600	11,400	16,200				11,000	19,000	27,000				22,000	38,000	54,000		
NM-019	Gel permeation chromatography (GPC)	Hour(1h)	3,300	8,100	12,900				5,500	13,500	21,500				11,000	27,000	43,000		
NM-101	500 MHz Solid-State NMR (I) (JNM-ECA 500)	Day(8h)	3,300	8,100	8,580	12,900			5,500	13,500	14,300	21,500			11,000	27,000	28,600	43,000	
NM-102	500 MHz Solid-State NMR (II) (JNM-ECZ500R)	Day(8h)	3,300	8,100	8,580	12,900			5,500	13,500	14,300	21,500			11,000	27,000	28,600	43,000	
NM-103	800 MHz Solid-State high-resolution NMR(JNM-ECA800)	Day(8h)	3,300	8,100	8,580	12,900			5,500	13,500	14,300	21,500			11,000	27,000	28,600	43,000	
NM-201	Single Crystal X-ray Diffractometer for Multiple Environments (XtaLAB Synergy-R/DW Custom)	Hour(1h)	6,600	11,400	11,880	16,200	21,000		11,000	19,000	19,800	27,000	35,000		22,000	38,000	39,600	54,000	70,000
NM-209	sXRD R.DW.LT.Pilatus NSC (VariMax DW AFC11 with Pilatus)	Hour(1h)	6,600	11,400	11,880	16,200	21,000		11,000	19,000	19,800	27,000	35,000		22,000	38,000	39,600	54,000	70,000
NM-204	pXRD Multi Cu.R.SSL (SmartLab 9 kW)	Hour(1h)	3,300	8,100	8,580	12,900	17,700		5,500	13,500	14,300	21,500	29,500		11,000	27,000	28,600	43,000	59,000
NM-210	pXRD LT/HT Cu1.R.NTS (SmartLab 9 kW with cryostat/furnace)	Hour(1h)	3,300	8,100	8,580	12,900	17,700		5,500	13,500	14,300	21,500	29,500		11,000	27,000	28,600	43,000	59,000
NM-211	pXRD Cu ASC.NS3 (SmartLab3)	Hour(1h)	3,300	8,100	8,580	12,900	17,700		5,500	13,500	14,300	21,500	29,500		11,000	27,000	28,600	43,000	59,000
NM-212	pXRD Cu ASC.NC1 (MiniFlex600.Cu)	Hour(1h)	3,300	8,100	8,580	12,900	17,700		5,500	13,500	14,300	21,500	29,500		11,000	27,000	28,600	43,000	59,000
NM-213	pXRD Cu ASC.NC2 (MiniFlex600.Cu)	Hour(1h)	3,300	8,100	8,580	12,900	17,700		5,500	13,500	14,300	21,500	29,500		11,000	27,000	28,600	43,000	59,000
NM-214	pXRD Cr SCR (MiniFlex600 Cr)	Hour(1h)	3,300	8,100	8,580	12,900	17,700		5,500	13,500	14,300	21,500	29,500		11,000	27,000	28,600	43,000	59,000
NM-215	pXRD.Cu.SMF (MiniFlex600.Cu)	Hour(1h)	3,300	8,100	8,580	12,900	17,700		5,500	13,500	14,300	21,500	29,500		11,000	27,000	28,600	43,000	59,000
NM-216	TF-XRD Cu(SmartLab)	Hour(1h)	3,300	8,100	8,580	12,900	17,700		5,500	13,500	14,300	21,500	29,500		11,000	27,000	28,600	43,000	59,000
NM-202	HAX-PES/XPS (Quantes)	Hour(1h)	6,600	11,400					11,000	19,000					22,000	38,000			
NM-225	XPS (Quantera SXM)	Hour(1h)	6,600	11,400	11,880	16,200	21,000		11,000	19,000	19,800	27,000	35,000		22,000	38,000	39,600	54,000	70,000
NM-203	Inductively Coupled Plasma Optical Emission Spectrometers / Inductively Coupled Plasma Mass Spectrometers	Hour(1h)	3,300	8,100	8,580	12,900	17,700		5,500	13,500	14,300	21,500	29,500		11,000	27,000	28,600	43,000	59,000
NM-205	Time-of-flight Secondary Ion Mass Spectrometry (TOF-SIMS) (PHI TRIFT V nanoTOF)	Hour(1h)	9,900	14,700					16,500	24,500					33,000	49,000			
NM-206	Oxygen/Nitrogen/Hydrogen Analyzer(ONH836) Carbon/Sulfur Analyzer(CS844)	Hour(1h)	3,300	8,100	8,580	12,900	17,700		5,500	13,500	14,300	21,500	29,500		11,000	27,000	28,600	43,000	59,000
NM-217	TG/DTA+DSC (TG/DTA 6200, X-DSC7000)	Hour(1h)	3,300	8,100					5,500	13,500					11,000	27,000			
NM-218	Zeta-potential/Particle-size analyzer (ELSZ-2000ZS)	Hour(1h)	3,300	8,100					5,500	13,500					11,000	27,000			
NM-219	FT-IR (IRAffinity-1s)	Hour(1h)	3,300	8,100					5,500	13,500					11,000	27,000			
NM-220	UV-Vis-NIR (V-770)	Hour(1h)	3,300	8,100					5,500	13,500					11,000	27,000			
NM-221	Spectrofluorometer (FP-8500DS)	Hour(1h)	3,300	8,100					5,500	13,500					11,000	27,000			
NM-222	Spectrofluorometer (Fluorolog-3)	Hour(1h)	3,300	8,100					5,500	13,500					11,000	27,000			
NM-223	Fourier transform infrared spectrometer (FT/IR-6700)	Hour(1h)	3,300	8,100					5,500	13,500					11,000	27,000			
NM-224	Medium- and low-temperature differential thermal analyzer(DSC200F3)	Hour(1h)	3,300	8,100					5,500	13,500					11,000	27,000			
NM-207	Field Emission Electron Probe Micro-Analyzer (FE-EPMA) (JXA-8500F)	Hour(1h)	6,600	11,400	11,880	16,200	21,000		11,000	19,000	19,800	27,000	35,000		22,000	38,000	39,600	54,000	70,000
NM-208	Scanning Auger Electron Microprobe (CHA Type AES) (JAMP-9500F)	Hour(1h)	6,600	11,400	11,880	16,200	21,000		11,000	19,000	19,800	27,000	35,000		22,000	38,000	39,600	54,000	70,000
NM-226	Schottky FE-SEM (JSM-7001F)	Hour(1h)	6,600	11,400	11,880	16,200	21,000		11,000	19,000	19,800	27,000	35,000		22,000	38,000	39,600	54,000	70,000
NM-227	FE-SEM (SU-8000)	Hour(1h)	6,600	11,400	11,880	16,200	21,000		11,000	19,000	19,800	27,000	35,000		22,000	38,000	39,600	54,000	70,000
NM-403	FIB-SEM combined apparatus for automatic preparation of TEM specimens(NX5000)	Hour(1h)	9,900	14,700	15,180	19,500	24,300		16,500	24,500	25,300	32,500	40,500		33,000	49,000	50,600	65,000	81,000
NM-404	Damage-less TEM specimen milling apparatus (Model 1040 Nanomill)	Hour(1h)	3,300	8,100	8,580	12,900	17,700		5,500	13,500	14,300	21,500	29,500		11,000	27,000	28,600	43,000	59,000
NM-407	Ceramics sample preparation facilities	Hour(1h)	3,300	8,100	8,580	12,900	17,700		5,500	13,500	14,300	21,500	29,500		11,000	27,000	28,600	43,000	59,000
NM-501	Real working environment physical characterization TEM (JEM-ARM200F-G)	Session(3.5h)	13,200	18,000	18,480	22,800	27,600		22,000	30,000	30,800	38,000	46,000		44,000	60,000	61,600	76,000	92,000
NM-502	Real working environment electron holography microscope (JEM-ARM200F-B)	Session(3.5h)	13,200	18,000	18,480	22,800	27,600		22,000	30,000	30,800	38,000	46,000		44,000	60,000	61,600	76,000	92,000
NM-503	200kV field emission transmission electron microscope (JEM-2100F1)	Session(3.5h)	6,600	11,400	11,880	16,200	21,000		11,000	19,000	19,800	27,000	35,000		22,000	38,000	39,600	54,000	70,000
NM-504	200kV field emission transmission electron microscope (JEM-2100F2)	Session(3.5h)	6,600	11,400	11,880	16,200	21,000		11,000	19,000	19,800	27,000	35,000		22,000	38,000	39,600	54,000	70,000
NM-505	200kV transmission electron microscope (JEM-2100)	Session(3.5h)	3,300	8,100	8,580	12,900	17,700		5,500	13,500	14,300	21,500	29,500		11,000	27,000	28,600	43,000	59,000
NM-506	Double-tilt bias and heating TEM holder (Lightning)	Session(3.5h)	3,300	8,100	8,580	12,900	17,700		5,500	13,500	14,300	21,500	29,500		11,000	27,000	28,600	43,000	59,000
NM-507	Double-tilt LN2 cryo TEM holder (Gatan 636)	Session(3.5h)	3,300	8,100	8,580	12,900	17,700		5,500	13,500	14,300	21,500	29,500		11,000	27,000	28,600	43,000	59,000
NM-508	Field emission scanning electron microscope (JSM-7000F)	Session(3.5h)			8,580	12,900	17,700				14,300	21,500	29,500			28,600	43,000	59,000	
NM-302	Orthogonal FIB-SEM (SMF-1000)	Hour(1h)	9,900	14,700	19,500	24,300			16,500	24,500	32,500	40,500			33,000	49,000	65,000	81,000	
NM-517	FIB/SEM microfabrication instrument (Helios 650)	Session(3.5h)	6,600	11,400	11,880	16,200	21,000		11,000	19,000	19,800	27,000	35,000		22,000	38,000	39,600	54,000	70,000
NM-509	Dual Beam system (NB5000)	Session(3.5h)	9,900	14,700	15,180	19,500	24,300		16,500	24,500	25,300	32,500	40,500		33,000	49,000	50,600	65,000	81,000
NM-510	Focused Ion Beam system (JIB-400																		