
Ciemat
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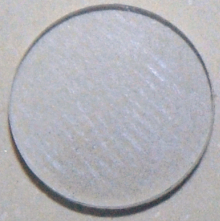
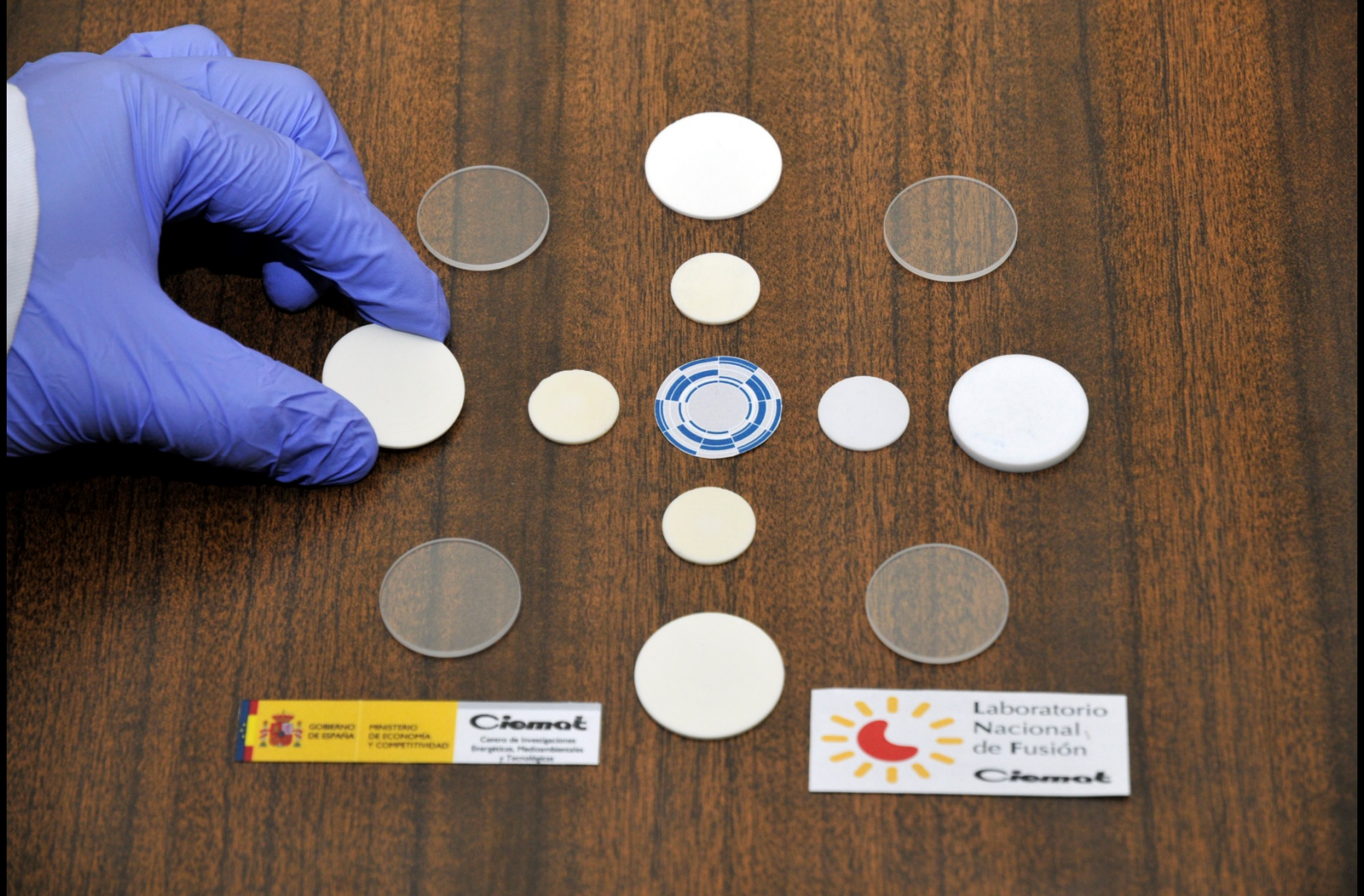
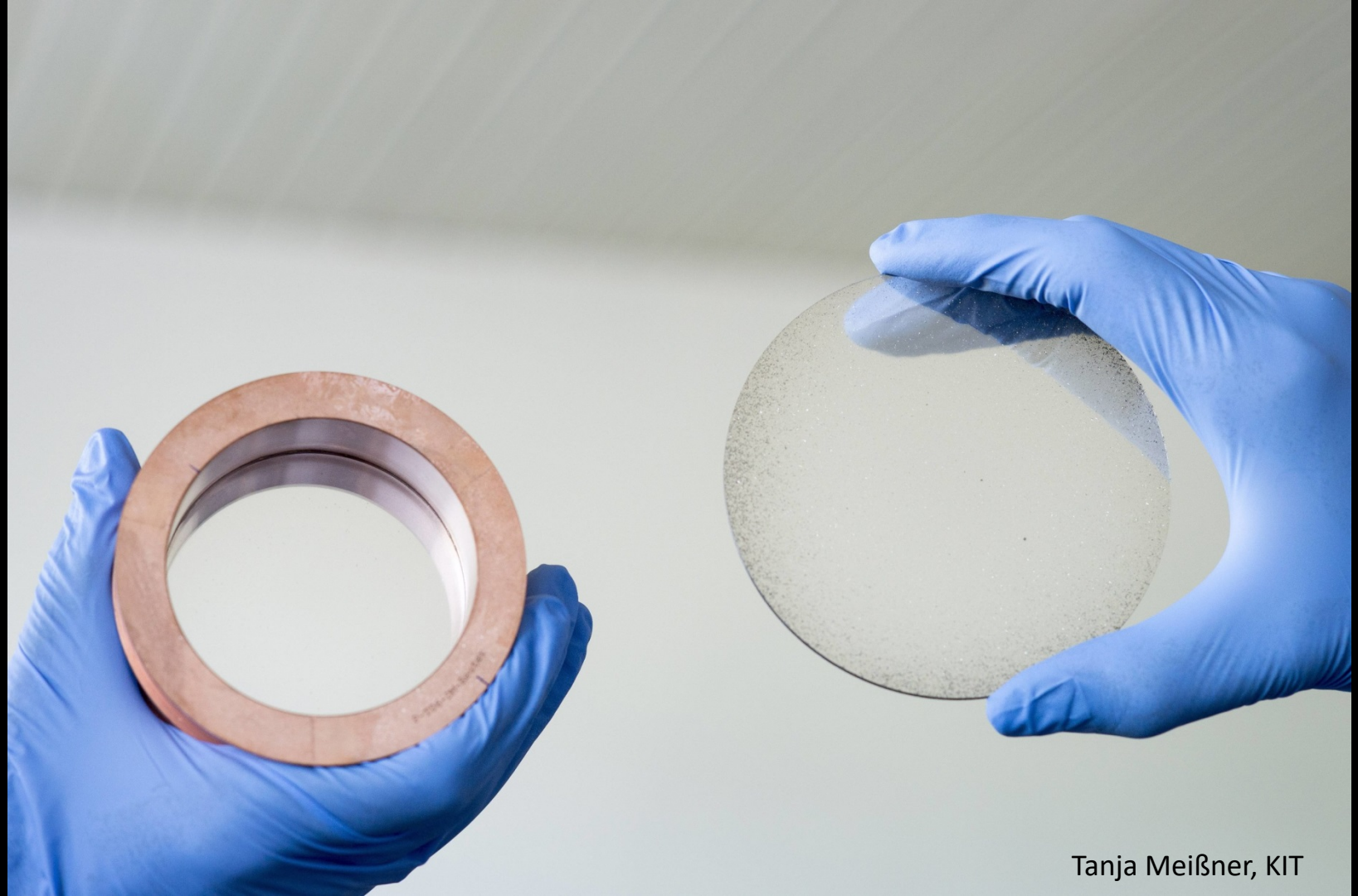
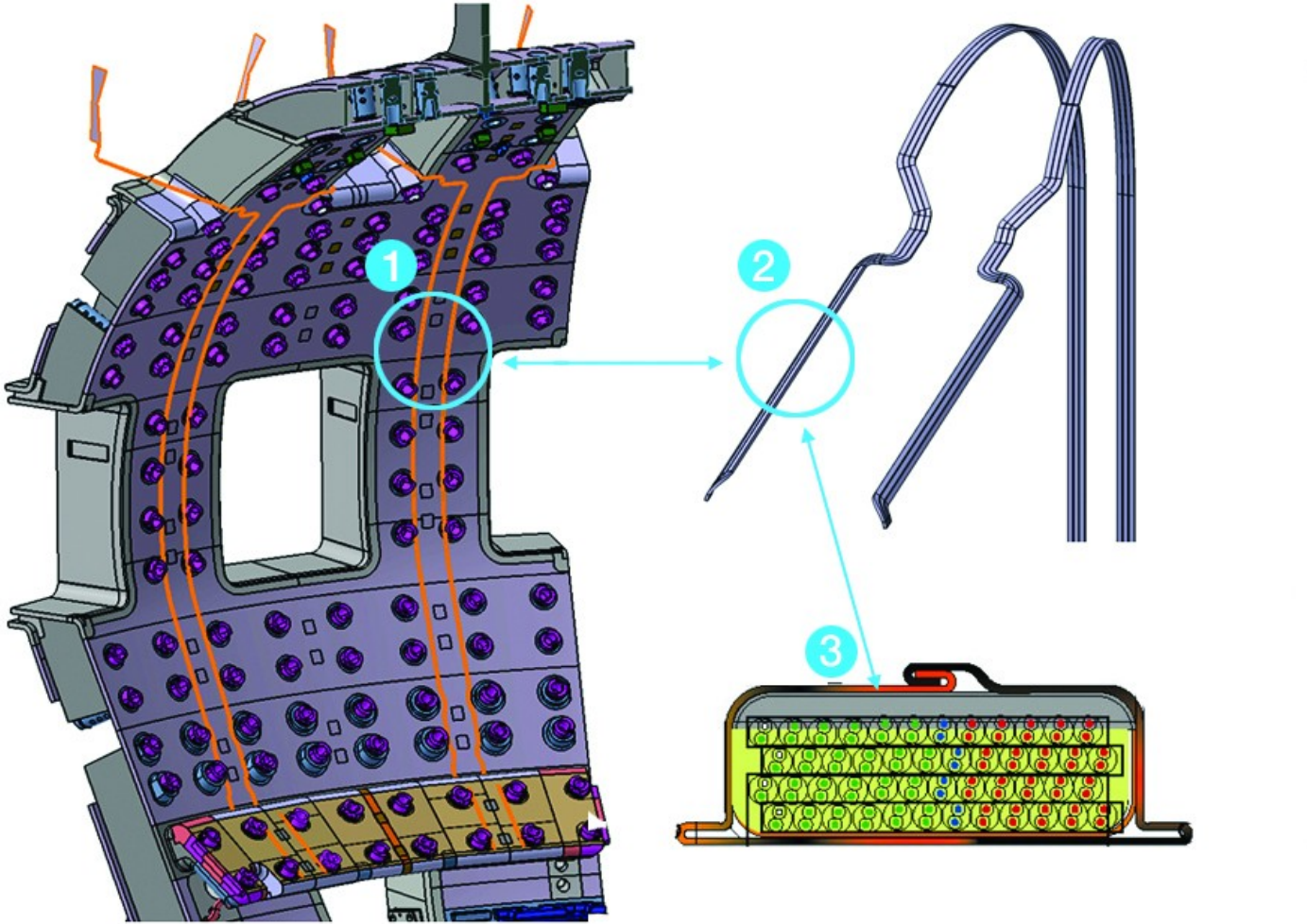



EUROfusion
FUSION IN EUROPE
Ceramics:
from
ANCIENT
POTTERY
to


GOBIERNO DE ESPAÑA
MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD
Ciemat
Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas
Laboratorio Nacional de Fusión
Ciemat

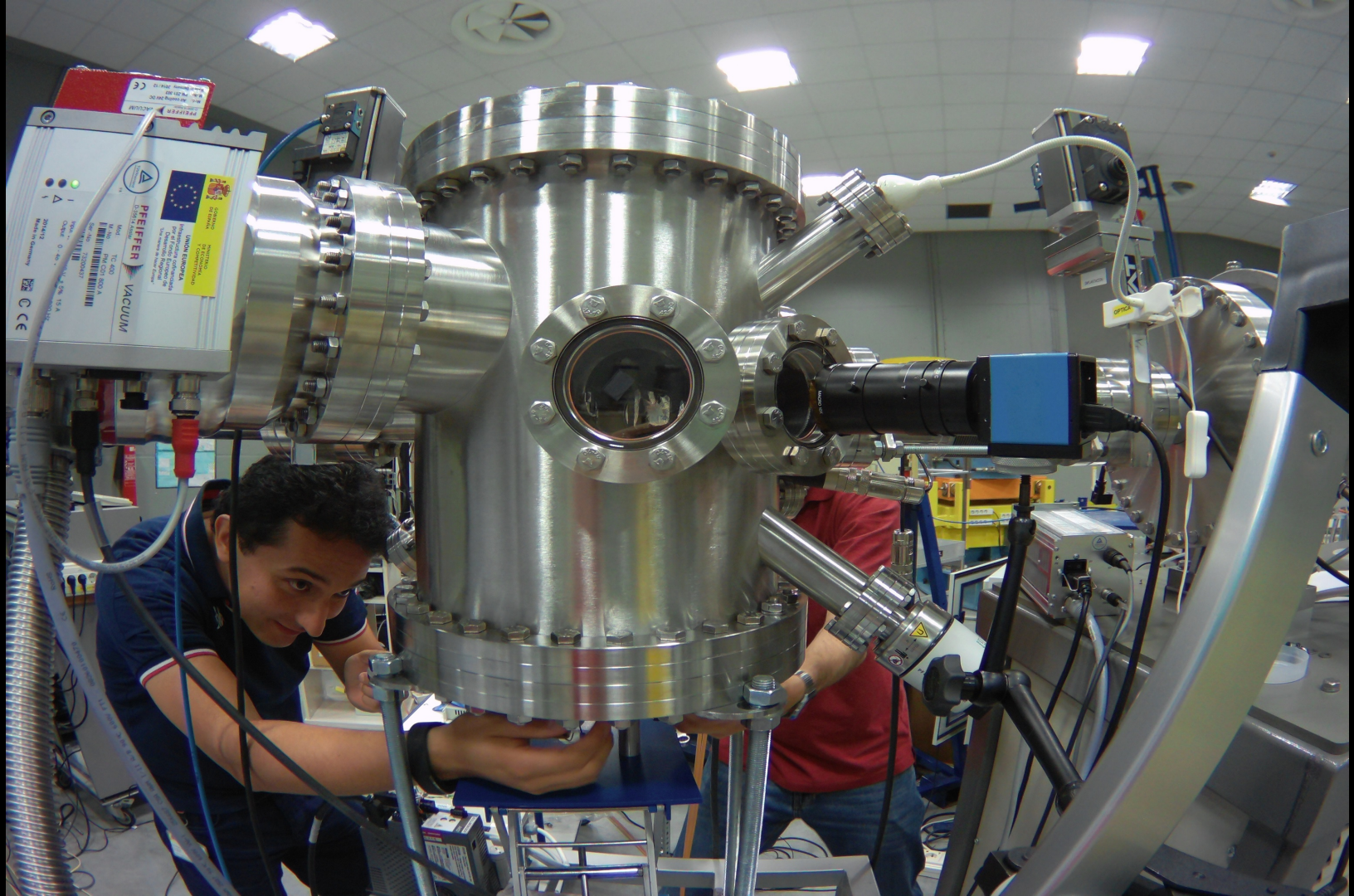


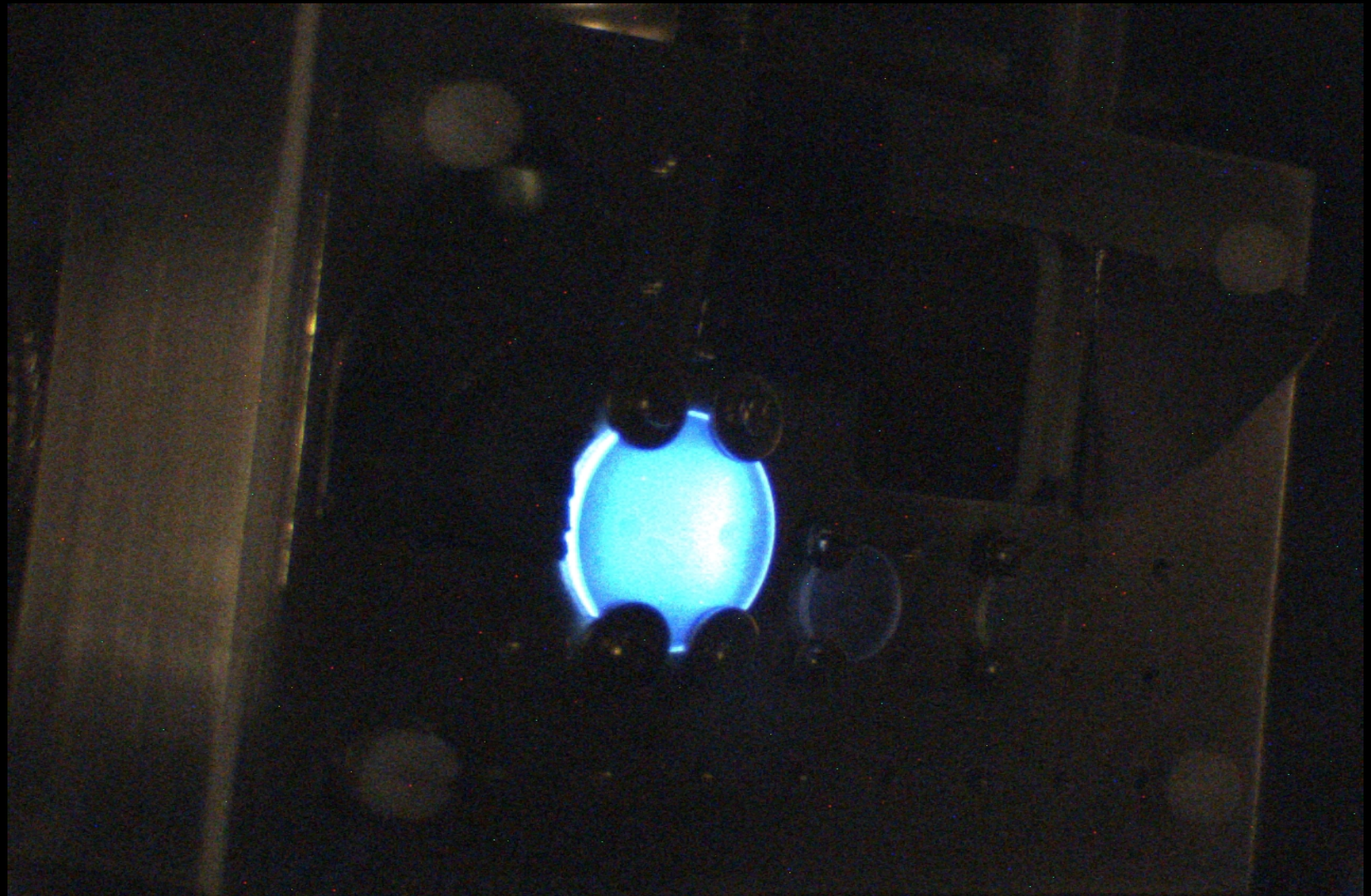
Tanja Meißner, KIT



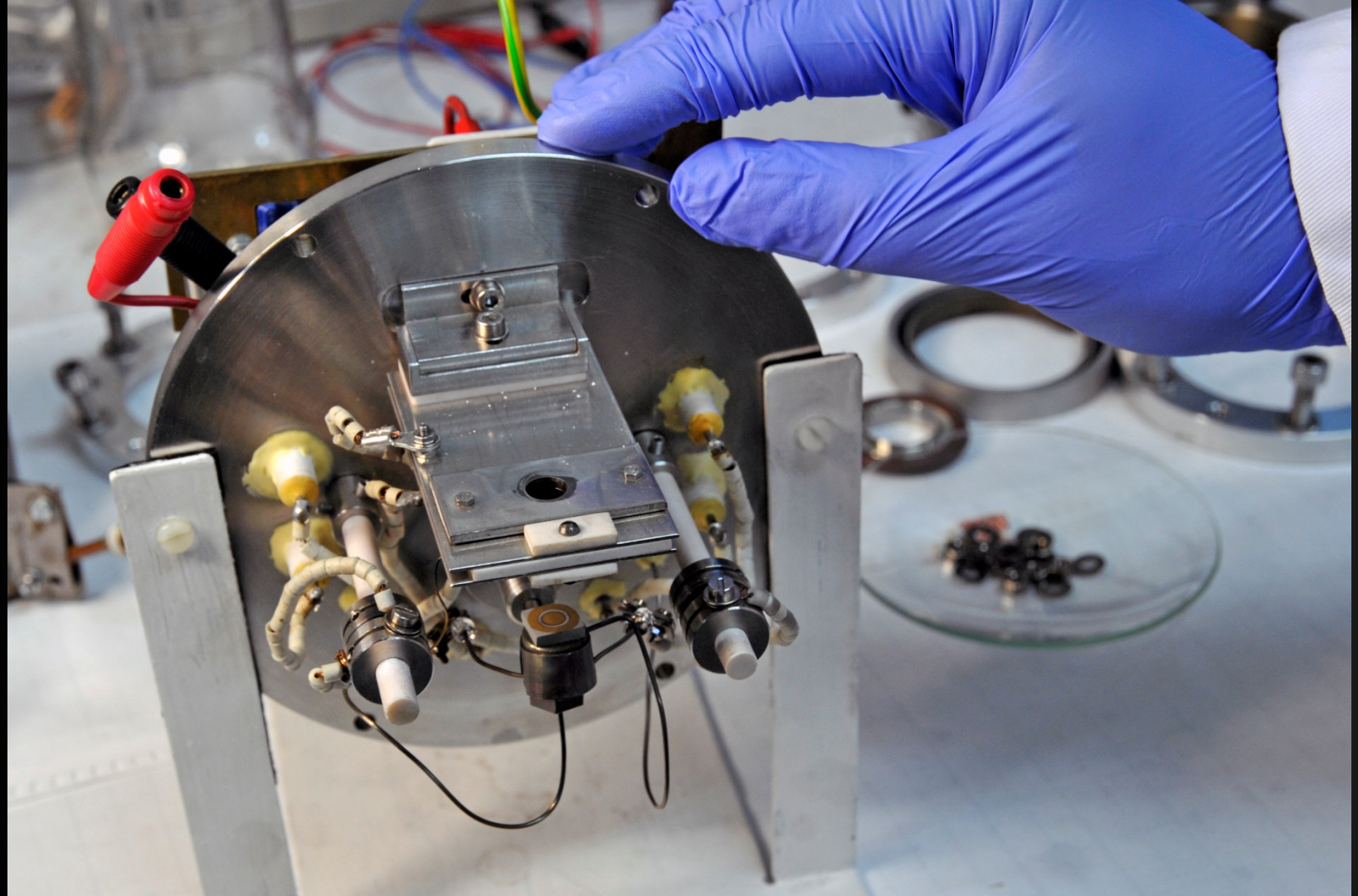
Iter Organization


NEUTRON
GAMMA


PFEIFFER
VACUUM
UNION EUROPEA



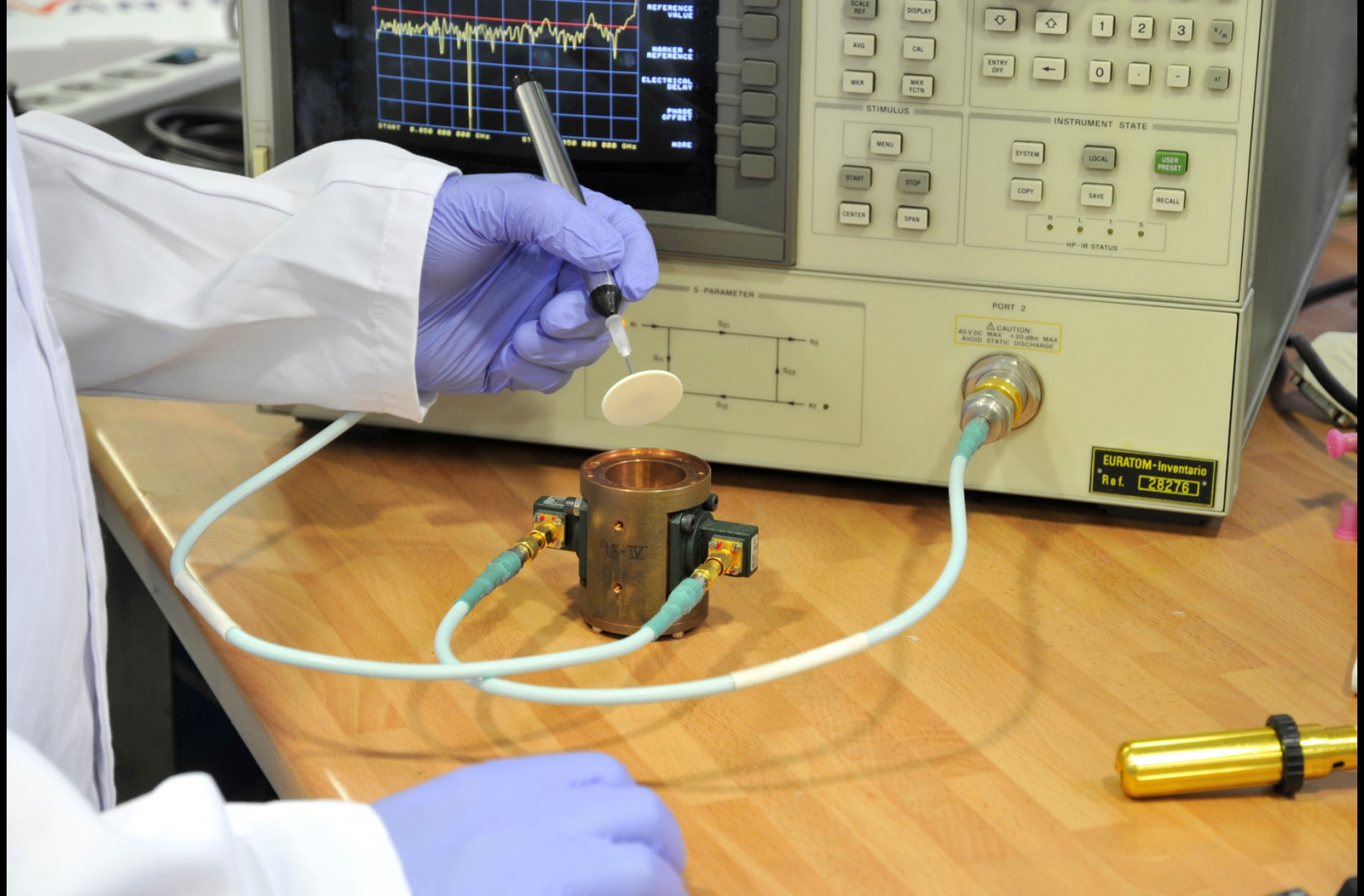

Van de Graaff
Electrostatic Accelerator

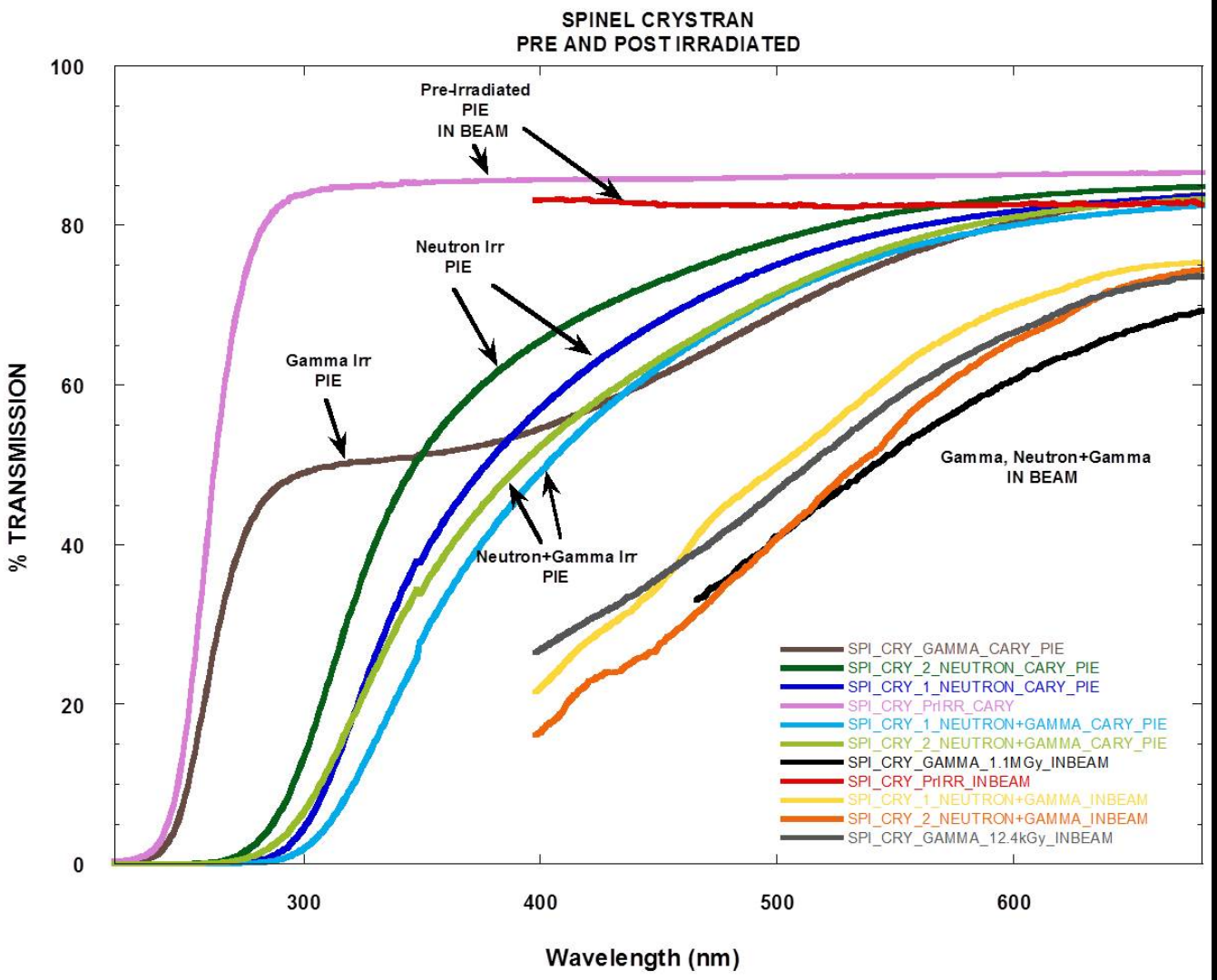


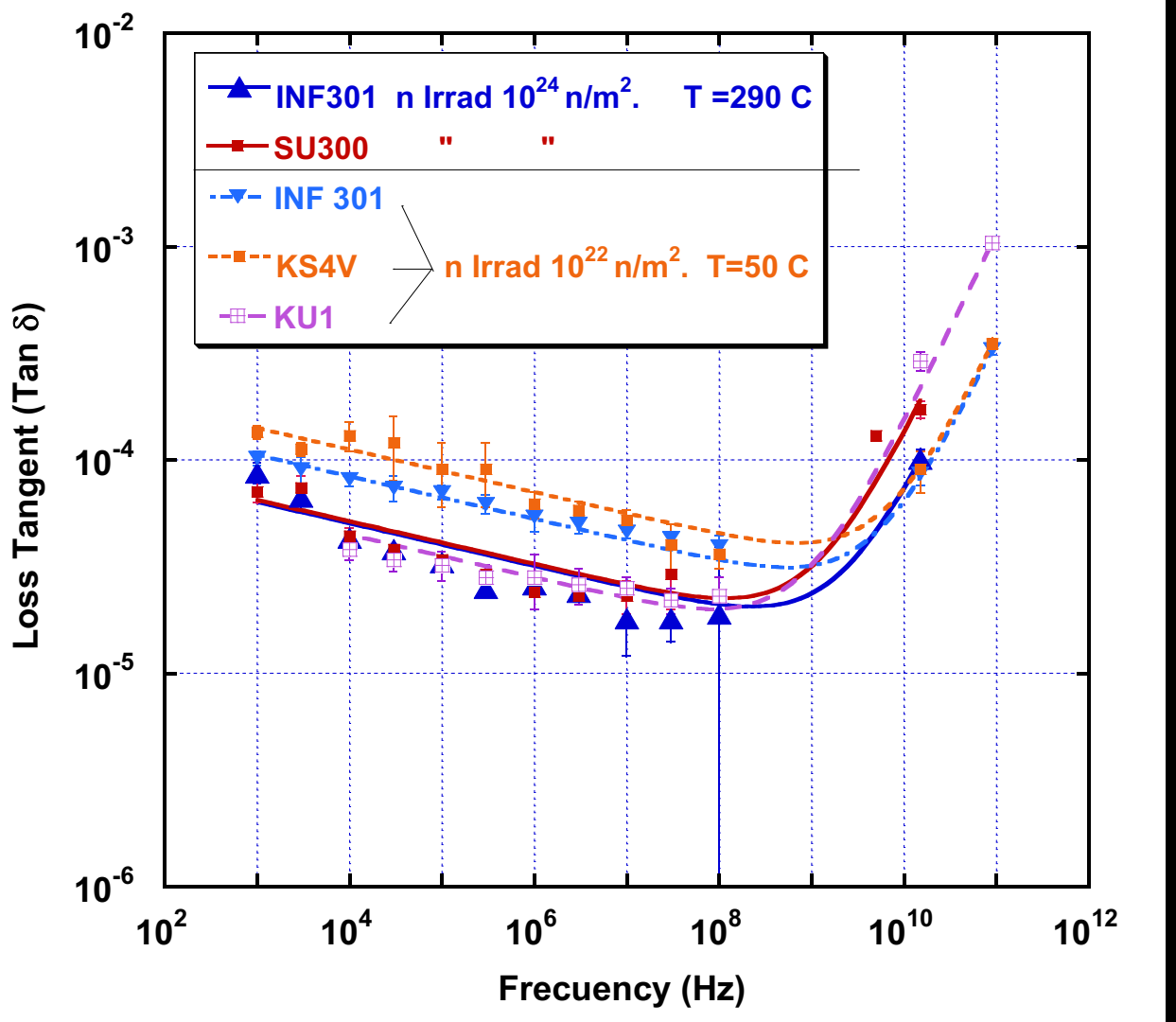

UNIDAD DE IRRADIACIÓN
NAYADE
No swimming
50
40
30


EXTINTOR
AVANTES
ThinkPad


PALOMITAS
NIR
photometer


REFERENCE VALUE
MARKER REFERENCE
ELECTRICAL DELAY
PHASE OFFSET
MORE
SCALE REF
DISPLAY
AVG
CAL
MKR
MKR FCTN
ENTRY OFF
STIMULUS
MENU
START
STOP
CENTER
SPAN
INSTRUMENT STATE
SYSTEM
LOCAL
USER PRESET
COPY
SAVE
RECALL
HP-IB STATUS
S-PARAMETER
PORT 2
CAUTION:
40 V DC MAX +20 dBm MAX
AVOID STATIC DISCHARGE
EURATOM - Inventario
Ref. 28276


SPINEL CRYSTRAN
PRE AND POST IRRADIATED
Pre-Irradiated
PIE
IN BEAM
Neutron Irr
PIE
Gamma Irr
PIE
Neutron+Gamma Irr
PIE
Gamma, Neutron+Gamma
IN BEAM
SPI_CRY_GAMMA_CARY_PIE
SPI_CRY_2_NEUTRON_CARY_PIE
SPI_CRY_1_NEUTRON_CARY_PIE
SPI_CRY_PrIRR_CARY
SPI_CRY_1_NEUTRON+GAMMA_CARY_PIE
SPI_CRY_2_NEUTRON+GAMMA_CARY_PIE
SPI_CRY_GAMMA_1.1MGy_INBEAM
SPI_CRY_PrIRR_INBEAM
SPI_CRY_1_NEUTRON+GAMMA_INBEAM
SPI_CRY_2_NEUTRON+GAMMA_INBEAM
SPI_CRY_GAMMA_12.4kGy_INBEAM
% TRANSMISSION
100
80
60
40
20
0
300
400
500
600
Wavelength (nm)


INF301 n Irrad 10^24 n/m^2. T =290 C
SU300 " "
INF 301
KS4V
KU1
n Irrad 10^22 n/m^2. T=50 C
Loss Tangent (Tan δ)
Frecuency (Hz)
10^-2
10^-3
10^-4
10^-5
10^-6
10^2
10^4
10^6
10^8
10^10
10^12