

PROGRAMME



INTERNATIONAL WORKSHOP
BUBBLE AND DROP INTERFACES
SEPTEMBER 23-25, 2009
THESSALONIKI-GREECE

Jointly Organized with



COST P21 Action
"PHYSICS OF DROPLETS"
**8th MANAGEMENT COMMITTEE +
WORKING GROUPS MEETINGS**

Co-organizers:



Aristotle University of
Thessaloniki



European Cooperation in
Science and Technology



Municipality of
Thessaloniki

Support:



European Space
Agency



European Low
Gravity
Research
Association



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SINTERFACE



Tziola
Technical
Publications

The Workshop will be held at the 2nd floor of the **Central Municipal Library** of Thessaloniki, located at 27 Ethnikis Amynis St. at the center of the city.



Tuesday, September 22nd

17:30-20:30 Welcome Party / Registration at the Municipal Library Hall

Wednesday, September 23rd

08:15-08:45 Opening

08:45-09:30	PL1	Pugh R.	THE STABILITY AND COALESCENCE OF BUBBLES COATED WITH PARTICLES (COST P21: WG2)
		Session: B&D formation, motion, interactions Chairmen: Krassimir Danov, Nicolas Vandewalle	
		WG1 meeting (along with WG3)	
09:30-09:50	O1	Roisman I.	HIGH-SPEED DROP COLLISIONS (COST P21: WG3)
09:50-10:10	O2	Larcy A.	A NEW EXPERIMENTAL TECHNIQUE TO STUDY THE SHAPE AND MOVEMENT OF GAS BUBBLES IN A LIQUID
10:10-10:30	O3	Sunol F.	BOUNCING OF BUBBLES IMPACTING AT A FREE SURFACE (COST P21: WG1)
10:30-10:50	O4	Vignes-Adler M.	CHEMICALLY ASSISTED HETERONUCLEATION OF GAS BUBBLES (COST P21: WG1)
10:50-11:10	O5	Caserta S.	DEFORMATION OF A DROP IN CONFINED CAPILLARY FLOW (COST P21: WG1)

11:10-11:30 Coffee break

		Session: Foams & Emulsions Chairmen: Alexander Britan, Slavka Tcholakova	
		WG1 meeting (along with WG2)	
11:30-11:50	O6	Denkov N.	OPTICAL OBSERVATION OF DYNAMIC WETTING FILMS FORMED BETWEEN BUBBLES AND MOVING SOLID WALL (COST P21: WG1)
11:50-12:10	O7	Meagher A.	EVOLUTION OF A MONODISPERSE CRYSTALLINE MICROFOAM CONTAINING A COMPONENT OF INSOLUBLE GAS (COST P21: WG1)
12:10-12:30	O8	Ravera F.	PROPERTIES OF SILICA NANOPARTICLE - OIL SOLUBLE SURFACTANT MIXED LAYERS AT HEXANE-WATER INTERFACES AND CORRESPONDING EMULSION CHARACTERISATION (COST P21: WG1)
12:30-12:50	O9	Varka E.	STABILITY OF PICKERING EMULSIONS STUDIED BY SIMULTANEOUS ELECTRICAL, OPTICAL AND VOLUMETRIC MEASUREMENTS (COST P21: WG2)
12:50-13:10	O10	Drelich A.	STABILITY OF WATER-IN-OIL EMULSIONS PREPARED WITH SOLID PARTICLES. INFLUENCE OF ADDED EMULSIFIER (COST P21: WG2)
13:10-13:30	O11	Whitby C.	EFFECT OF MIXING PICKERING EMULSIONS WITH ANIONIC SURFACTANT

13:30-14:50 Lunch on site

14:50-16:10 Poster session + Coffee break + **COST P21 – MC meeting Part 1**

Session: Adsorption & interfacial properties Chairmen: Libero Liggieri, Giuseppe Loglio			WG2 meeting (along with WG1)
16:10-16:30	O12	Marinova K.	NEW METHODS FOR DETERMINATION OF EQUILIBRIUM AND DYNAMIC SURFACE AND INTERFACIAL TENSION (COST P21: WG2)
16:30-16:50	O13	Javadi A.	CAPILLARY PRESSURE TECHNIQUES FOR GROWING DROPS TO STUDY THE DYNAMICS OF LIQUID INTERFACIAL LAYERS (COST P21: WG2)
16:50-17:10	O14	Noskov B.	DILATIONAL SURFACE VISCOELASTICITY OF POLYELECTROLYTE/SURFACTANT SOLUTIONS
17:10-17:30	O15	Warszynski P.	SURFACE POTENTIAL ISOTHERMS OF NONIONIC AND IONIC SURFACTANTS; EXPERIMENT AND MOLECULAR DYNAMIC SIMULATIONS (COST P21: WG1)
17:30-17:50	O16	Krasowska M.	DIRECT MEASUREMENT OF INTERACTION FORCES BETWEEN SOLID PARTICLE AND AIR BUBBLE IN AQUEOUS SOLUTIONS BY ATOMIC FORCE MICROSCOPY – EFFECT OF SOLUTION COMPOSITION AND SURFACE HYDROPHOBICITY
17:50-18:10	O17	Martin-Molina A.	ION-LIPID INTERACTIONS IN PHOSPHOLIPID MEMBRANES
18:10-18:30	O18	Wojciechowski K.	INTERFACIAL TENSION OSCILLATIONS AT NITROBENZENE-WATER INTERFACE IN THE PRESENCE OF LONG CHAIN TETRAALKYLAMMONIUM BROMIDES

19:00-23:00 Greek Night at Rose Garden Restaurant

Thursday, September 24th

08:00-08:45	PL2	Brenn G.	LIQUID ENCAPSULATION BY BINARY COLLISIONS OF IMMISCIBLE LIQUID DROPS (COST P21: WG3)
Session: Marangoni & phase change phenomena Chairmen: Hendrik Kuhlmann, Pierre Colinet			WG3 meeting (along with WG2)
08:45-09:05	O19	Onuki A.	BUBBLE AND DROPLET MOTION IN BINARY MIXTURES: EVAPORATION-CONDENSATION MECHANISM AND MARANGONI EFFECT
09:05-09:25	O20	Tachon L.	AXISYMETRIC FILM EVAPORATION AND INVESTIGATION OF THE TRIPLE LINE TRANSFER BY NUMERICAL MODELING AND EXPERIMENTAL MEASUREMENT (COST P21: WG3)
09:25-09:45	O21	Arita T.	LIQUID TRANSPORTATION ON A MATERIAL SURFACE HAVING A SPATIAL GRADIENT IN ITS SURFACE ENERGY
09:45-10:05	O22	Nikolayev V.	BUBBLE DANCE IN THE PULSATING HEAT PIPE (COST P21: WG3)
10:05-10:25	O23	Maldonado-Valderamma J.	THE UNUSUAL SURFACE ACTIVITY OF BILE SALTS (COST P21: WG2)

10:25-10:45 Coffee break

Session: Electrowetting & dewetting Chairmen: Victor Starov, Davide Mattia			WG1 meeting
10:45-11:05	O24	Sedev R.	ELECTROWETTING IN SOLID/LIQUID/VAPOUR AND SOLID/LIQUID/LIQUID SYSTEMS
11:05-11:25	O25	Dolatabadi A.	ONSET OF ACTUATION IN ELECTROWETTING-BASED DROPLET MANIPULATION FOR DIFFERENT ELECTRODE SHAPES
11:25-11:45	O26	Duits M.	ELECTROWETTING OF COMPLEX FLUIDS (COST P21: WG1)
11:45-12:05	O27	Fetzer R.	CONTACT ANGLE RELAXATION IN BUBBLE SPREADING PROCESSES: DYNAMIC DEWETTING REGIMES EXPLORED

12:30 Lunch pack

12:30-24:00 Visits tour (Vergina, Olympus, Monastery of St.Dionysios, gala dinner)

Friday, September 25th

08:15-09:00	PL3	Amirfazli A.	WHAT MAKES A ROBUST SUPERHYDROPHOBIC SURFACE?
Session: Droplet evaporation dynamics Chairmen: Ramon Rubio, Mihail Pascu			WG1 meeting (along with WG2 and WG3)
09:00-09:20	O28	Sefiane K.	DYNAMICS OF EVAPORATING NANOPARTICLE-LADEN DROPS AND PATTERN FORMATION (COST P21: WG2)
09:20-09:40	O29	Steinchen A.	ON THERMAL-CAPILLARY WAVES OBSERVED AT SESSILE EVAPORATING DROPLETS
09:40-10:00	O30	Colinet P.	MACROSCOPIC MODELING OF SESSILE DROPLET EVAPORATION IN ITS PURE VAPOR (COST P21: WG1)
10:00-10:20	O31	Bakshi S.	COMPUTATIONAL SIMULATION OF SINGLE DROPLET EVAPORATION USING VOLUME OF FLUID METHOD
10:20-10:40	O32	Girard F.	INFRA-RED THERMOGRAPHY INVESTIGATION OF AN EVAPORATING SESSILE WATER DROPLET ON HEATED SUBSTRATE (COST P21: WG3)

10:40-11:00 Coffee break

Session: Dispersed systems, B&D in microgravity Chairmen: Reinhard Miller, Jean Claude Legros			WG1 meeting (along with WG3)
11:00-11:20	O33	Vincent-Bonnieu S.	BUBBLES AND DROPS EXPERIMENTS IN MICROGRAVITY (ESA CONTRIBUTION)
11:20-11:40	O34	Kuhlmann H.	THREE-DIMENSIONAL FLOW INSTABILITIES IN SURFACE-DRIVEN FLOWS (ELGRA CONTRIBUTION)
11:40-12:00	O35	Shevtsova V.	CONTROL OF FLUIDS IN SPACE. IVIDIL EXPERIMENT ON-BOARD ISS (COST P21: WG3)
12:00-12:20	O36	Drenckhan W.	TINY RUBBLES – STABLE BUBBLES
12:20-12:40	O37	Noik C.	CHARACTERIZATION OF CRUDE OIL: WATER INTERFACIAL FILM FROM DILATATIONAL RHEOLOGY STUDY / EFFECT OF TEMPERATURE
12:40-13:00	O38	Ekiel-Jeżewska M.	MECHANISM OF DESTABILIZATION OF SUSPENSION DROPS SETTLING UNDER GRAVITY IN A VISCOUS FLUID (COST P21: WG1)
13:00-13:20	O39	Schwabe M.	BUBBLES, BLOBS, AND SURFACE CUSPS IN COMPLEX PLASMAS

13:20-14:40 Lunch on site

14:40-16:00 Poster session + Coffee break + **COST P21 – MC meeting Part 2**

Session: Wetting & spreading phenomena Chairmen: Miguel Cabrerizo-Vílchez, Rossen Sedev			WG2 meeting (along with WG1)
16:00-16:20	O40	Arnaudov L.	NOVEL METHOD FOR MEASURING THE CONTACT ANGLE OF NANO PARTICLES AT LIQUID INTERFACES
16:20-16:40	O41	Montes Ruiz-Cabello F.	EXPERIMENTAL STUDY OF CONTACT ANGLE HYSTERESIS BY SESSILE DROP AND CAPTIVE BUBBLE METHODS (COST P21: WG1)
16:40-17:00	O42	Mattia D.	WETTING OF LIQUIDS INSIDE CARBON NANOTUBES
17:00-17:20	O43	Ivanova N.	SPREADING KINETICS OF AQUEOUS TRISILOXANE SOLUTIONS ON HYDROPHOBIC SURFACES (COST P21: WG2)
17:20-17:40	O44	Shirtcliffe N.	THE ABSOLUTE HYDROPHILIC NATURE OF ALL SOLIDS
17:40-18:00	O45	Spandagos C.	DYNAMICS OF LIQUIDS SPREADING ON COMPLIANT SUBSTRATES
18:00-18:20	O46	Malysa K.	INFLUENCE OF THE MOTION INDUCED ADSORPTION LAYER ARCHITECTURE ON TIME OF THE THREE PHASE CONTACT (TPC) FORMATION AT MICA SURFACE IN C_nTABr SOLUTIONS (COST P21: WG2)

18:20-18:40 Closing

19:00-22:00 Sunset cruise (at Thermaikos bay), including light buffet & drinks

Saturday, September 26th

07:30-18:30 Boat cruise around Holly Mountain of Athos (Agion Oros)

Poster Session – Part A: Wednesday 23rd, 14:50-16:10

Number	Presenting Author	Title
P1-A	Basheva E.	MODIFIED CAPILLARY CELL FOR FOAM FILM STUDIES ALLOWING EXCHANGE OF THE FILM-FORMING LIQUID (COST P21: WG2)
P2-A	Britan A.	PROTECTIVE BARRIERS OF PARTICULATE AQUEOUS FOAMS (COST P21: WG3)
P3-A	Cabrerizo-Vilchez M.	EFFECTS OF WAVINESS FILTERING ON SURFACE ROUGHNESS MEASUREMENTS BY MICROSCOPY: A NUMERICAL STUDY (COST P21: WG3)
P4-A	Cabrerizo-Vilchez M.	MEASUREMENT OF EQUILIBRIUM CONTACT ANGLE FROM VIBRATED SESSILE DROPS (COST P21: WG1)
P5-A	Dafnopatidou E.	INDUCED DYESTUFFS HYDROPHOBICITY BY SURFACTANT
P6-A	Danov K.	THE DROP SIZE IN MEMBRANE EMULSIFICATION DETERMINED FROM THE BALANCE OF CAPILLARY AND HYDRODYNAMIC FORCES (COST P21: WG1)
P7-A	Delbos A.	IMPACT OF DROPLETS ON A VERTICAL CAPILLARY TUBE
P8-A	Dolatabadi A.	MODELING WETTING OF A WATER DROPLET ON WOOD SURFACE
P9-A	Dorbolo S.	INFLUENCE OF THE SURFACTANT MIXTURE ON THE LIFETIME OF ANTIBUBBLE (COST P21: WG2)
P10-A	Dutschk V.	CHARACTERISATION OF PICKERING AND SUSPO-EMULSIONS BY DIFFERENTIAL SCANNING CALORIMETRY (COST P21: WG2)
P11-A	Ferrari M.	INTERFACIAL PROPERTIES OF COFFEE OILS (COST P21: WG3)
P12-A	Ferrari M.	WETTING AND AFM STUDIES OF SURFACTANT INTERACTIONS IN LIQUID ENVIRONMENT ON PATTERNED AND NON PATTERNED SURFACES (COST P21: WG3)
P13-A	Garcia-Sanchez P.	ELECTROWETTING ASSISTED DROP FORMATION IN MICROFLUIDIC CHANNELS (COST P21: WG1)
P14-A	Georgiou E.	DEVELOPMENT OF A DEVICE FOR MEASURING THIN FILM DRAINAGE AROUND A SINGLE FOAM BUBBLE (COST P21: WG3)
P15-A	Golemanov K.	ROLE OF SURFACTANTS IN FOAM RHEOLOGY (COST P21: WG1)
P16-A	Ivanova N.	CRITICAL WETTING CONCENTRATION OF TRISILOXANE SURFACTANTS
P17-A	Jarek E.	DYNAMIC SURFACE TENSION OF POLYELECTROLYTE/IONIC SURFACTANTS MIXTURES
P18-A	Kalogianni E.	MONITORING KINETICS OF EMULSIFICATION IN STIRRED VESSELS BY AN ELECTRIC TOMOGRAPHY TECHNIQUE (COST P21: WG2)
P19-A	Kostoglou M.	REPRESENTATIVE DROPLET SIZE DISTRIBUTIONS RESULTING FROM COALESCENCE-BREAKAGE OR BREAKAGE OF OIL IN WATER DISPERSIONS IN BATCH STIRRED TANKS (COST P21: WG1)
P20-A	Kragel J.	DILATIONAL RHEOLOGY OF ADSORPTION LAYERS AT LIQUID/LIQUID INTERFACES AS STUDIED BY FAST OSCILLATING DROP TECHNIQUE (COST P21: WG2)
P21-A	Krzan M.	INFLUENCE OF PH ON ADSORPTION AND THE BUBBLE VELOCITY IN N-ALKANOIC ACID SOLUTIONS (COST P21: WG2)
P22-A	Kucharek M.	CETYLTRIMETHYLAMMONIUM BROMIDE SURFACE ACTIVITY IN THE PRESENCE OF ELECTROLYTES AT TOLUENE – AQUEOUS INTERFACE

P23-A	Le Follotec A.	DESTABILISATION OF CRUDE-OIL EMULSIONS BY SILICON COPOLYMERS
P24-A	Lembach A.	DROP IMPACT ONTO POROUS SUBSTRATES UNDER TERRESTRIAL AND MICROGRAVITY CONDITIONS (COST P21: WG3)
P25-A	Liggieri L.	A STUDY OF CHEMICO-PHYSICAL PROPERTIES OF NANOPARTICLES INTERFACIAL LAYERS IN RELATION TO PICKERING EMULSION (COST P21: WG2)
P26-A	Liggieri L.	INVESTIGATION OF INTERFACIAL PROPERTIES AND STABILITY OF PARTICLE-STABILISED EMULSIONS IN MICROGRAVITY CONDITIONS IN THE FRAMEWORK OF THE ESA-MAP FASES PROGRAMME (COST P21: WG2)
P27-A	Limage S.	CHARACTERIZATION OF SOLID-STABILIZED EMULSIONS BY SCANNING ELECTRON MICROSCOPY
P28-A	Liverts M.	EXPERIMENTAL OBSERVATION OF SHOCK WAVE INTERACTION WITH GRADIENT PARTICULATE FOAM (COST P21: WG3)
P29-A	Loglio G.	INTERFACIAL PROPERTIES OF WATER/HYDROCARBON SYSTEMS: EXPERIMENTAL STUDY OF THE DROP-DROP COALESCENCE PROCESS (COST P21: WG1)
P30-A	Loglio G.	FASTER - FACILITY FOR ADSORPTION AND SURFACE TENSION STUDIES FOR THE EUROPEAN DRAWER RACK: TECHNICAL FEATURES AND SCIENTIFIC EXPERIMENTS
P31-A	Marinova K.	EFFECT OF THE COUNTERION VALENCY ON THE SURFACE DILATATIONAL RHEOLOGY OF SLES ADSORPTION LAYERS (COST P21: WG2)
P32-A	Marinova K.	SURFACE DILATATIONAL RHEOLOGY MEASUREMENTS FOR OIL/WATER SYSTEMS WITH VISCOUS OILS (COST P21: WG2)
P33-A	Miller R.	STUDY OF THE ADSORPTION DYNAMICS OF SDS AT THE SURFACE OF GROWING DROPS IN AIR AND IN A SECOND LIQUID, AND OF AIR BUBBLES IN AQUEOUS SOLUTION (COST P21: WG2)
P34-A	Mylyk A.	BREAK-UP OF SUSPENSION DROPS SEDIMENTING IN A VISCOUS FLUID CLOSE TO A WALL (COST P21: WG3)
P35-A	Para G.	SURFACE ACTIVITY OF CATIONIC SURFACTANTS – INFLUENCE OF MOLECULAR STRUCTURE
P36-A	Peleka E.	HYDRODYNAMIC INTERACTIONS BETWEEN AN AIR BUBBLE AND PARTICLES (COST P21: WG2)
P37-A	Pericet-Camara R.	CONTACT ANGLE HYSTERESIS OF SESSILE DROPS AT INCIPIENT AND UNIFORM MOTION: A COMPARATIVE STUDY (COST P21: WG1)
P38-A	Petkova H.	INFLUENCE OF PH ON THE PROPERTIES OF FOAM FILMS STABILIZED BY DIETHYLENETRIAMINE-BASED POLYMER SURFACTANT (COST P21: WG2)
P39-A	Rio E.	DISSIPATION IN THIN FILMS: THE IMPORTANCE OF SURFACE RHEOLOGY (COST P21: WG1)
P40-A	Rubio R.	MONOLAYERS OF LATEX PARTICLES: STRUCTURE, DYNAMICS AND THEIR USE AS PROBES FOR POLYMER MONOLAYER MICRORHEOLOGY (COST P21: WG2)
P41-A	Schmitt M.	FROM SPHERICAL TO POLYMORPHOUS DISPersed PHASE IN WATER IN OIL EMULSIONS (COST P21: WG2)
P42-A	Semenov S.	NUMERICAL SIMULATION OF LASER INDUCED CAPILLARY CONVECTION IN THIN LIQUID LAYERS
P43-A	Shapiro H.	NUMERICAL ANALYSIS OF THE SHOCK WAVE INTERACTION WITH GRADIENT AQUEOUS FOAM (COST P21: WG3)
P44-A	Shirtcliffe N.	IMMERSED SUPERHYDROPHOBIC SURFACES: ANTI-FOULING AND PLASTRON DRAG REDUCTION

P45-A	Starov V.	SINGLET / CLUSTERS EQUILIBRIUM BY REVERSIBLE AGGREGATION IN COLLOIDAL SUSPENSION (COST P21: WG3)
P46-A	Tcholakova S.	CONTROL OF OSTWALD RIPENING BY USING SURFACTANTS (COST P21: WG1)
P47-A	Tcholakova S.	DROP BREAKUP DURING EMULSIFICATION IN TURBULENT FLOW: EXPERIMENTS AND DATA INTERPRETATION
P48-A	Terwagne D.	THE MAYONNAISE DROPLET (COST P21: WG1)

Poster Session – Part B: Friday 25th, 14:40-16:00

Number	Presenting Author	Title
P1-B	Andrei I.	INVESTIGATION OF THE FLUORESCENT COMPOUNDS SOLUTIONS IN MICRODROPLETS FORM AT INTERACTION WITH LASER RADIATION (COST P21: WG3)
P2-B	Bondelind M.	TWO PHASE NUMERICAL MODELING OF DAF – MODELLING OF TURBULENCE AND COMPARISON OF TWO- AND THREE-DIMENSIONAL SIMULATIONS (COST P21: WG1)
P3-B	Brown C.	MICROFLUIDIC SWITCHABLE DIFFRACTION GRATING (COST P21: WG3)
P4-B	Brunet P.	DROP MIXING AND DISPLACEMENT BY SURFACE ACOUSTIC WAVES (COST P21: WG1)
P5-B	Chatterjee D.	COMPUTATIONAL STUDY OF THE MOTION OF OSCILLATING GAS BUBBLES THROUGH A NOZZLE
P6-B	Evgenidis S.	CHARACTERIZATION OF BUBBLE CLOUDS IN STEADY AND PULSATILE BUBBLY FLOWS (COST P21: WG1)
P7-B	Gaponenko Y.	MIXING OF VISCOUS FLUIDS BY VIBRATION (COST P21: WG1)
P8-B	Guido S.	LIQUID – LIQUID MIXTURES IN CONFINED SHEAR FLOW (COST P21: WG2)
P9-B	Hatzidafni A.	ELECTRICAL RESISTANCE TOMOGRAPHY IN UPWARD CO-CURRENT BUBBLY FLOW
P10-B	Ivanova N.	OPTICAL CONTROL FOR MICROBUBBLES IN HELE-SHAW CELL (COST P21: WG1)
P11-B	Larcy A.	NUMERICAL STUDY OF THE INFLUENCE OF BUBBLE SHAPE AND CONTAMINATION ON THE GAS-LIQUID CO ₂ TRANSFER RATE FOR REFINED NAHCO ₃ PRODUCTION
P12-B	Lebeau F.	DROPLET INTERNAL FLOW MEASUREMENT USING MICRO-PIV (COST P21: WG1)
P13-B	Legros J.C.	OSCILLATORY INSTABILITY IN MULTILAYER SYSTEMS: EXPERIMENTAL RESULTS (COST P21: WG1)
P14-B	Lekhlifi A.	NUMERICAL SIMULATION OF THE DYNAMICS OF A FALLING DROPLET
P15-B	Lobera J.	DROPLET DIAGNOSTICS USING DIGITAL HOLOGRAPHIC TECHNIQUES (COST P21: WG1)
P16-B	Melnikov D.	RESULTS ON COMPUTER VIZUALIZATION OF 3D LIQUID FLOWS AND MOTION OF NON-ISODENSE PARTICLES ENTRAINED BY THE MOVING LIQUIDS (COST P21: WG3)
P17-B	Moskal A.	EVOLUTION OF AN INITIAL SIZE DISTRIBUTION OF AEROSOL DROPLETS IN A NEBULIZER SYSTEM USED IN THE LUNG THERAPY (COST P21: WG1)

P18-B	Moskal A.	POPULATION BALANCE EQUATION CALCULATIONS FOR LIQUID - LIQUID IMISCIBLE FLOW THROUGH POROUS MEDIA (COST P21: WG1)
P19-B	Mutair S.	IDENTIFICATION OF THE LOCAL HEAT FLUX FROM SUPERHEATED WATER DROPS
P20-B	Nastase V.	STUDIES ABOUT THE GENERATION AND CHARACTERISATION OF MICRODROPLETS WITH A CONTROLLED CONTENT (COST P21: WG2)
P21-B	Palero V.	3D VELOCITY MEASUREMENT IN AN OSCILLATING DROP (COST P21: WG1)
P22-B	Pascu M.	WATER MICRODROPLETS BEHAVIOUR AT INTERACTION WITH LASER BEAMS (COST P21: WG3)
P23-B	Samaras K.	STUDYING BUBBLE DISPERSION CHARACTERISTICS IN A STIRRED TANK BY AN ELECTRICAL TOMOGRAPHY TECHNIQUE (COST P21: WG3)
P24-B	Serret D.	TEMPERATURE FIELD MEASUREMENT AROUND A GROWING VAPOUR BUBBLE: ANALYSIS OF THE CONTRIBUTION OF DIFFERENT REGION
P25-B	Skuza P.	NUMERICAL SIMULATION OF BUBBLE FORMATION AT MICROSCALE IN ELECTROCHEMICAL PROCESSES
P26-B	Sosnowski T.	MODIFICATION OF INHALABLE POWDERS BY LUNG SURFACTANT COMPONENTS ADSORBED ON DROPLETS DURING SPRAY-DRYING PROCESS (COST P21: WG3)
P27-B	Tsori Y.	DISCONTINUOUS LIQUID RISE IN CAPILLARIES WITH VARYING CROSS-SECTIONS (COST P21: WG1)