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H.T. LANGHAMMER, T. MÜLLER, R. BÖTTCHER, V. MUELLER & H.-P. ABICHT (Germany)
- 1493 Dielectric properties of $\text{BaTiO}_3\text{--NaNbO}_3$ composites (DI-010-P)
M.T. BENLAHRACHE, N. BENHAMLA & S. ACHOUR (Algeria)
- 1497 Characteristic dielectric behavior and crystal structure of $(1-x)\text{Pb}(\text{Yb}_{1/2}\text{Ta}_{1/2})\text{O}_3\text{--}x\text{Pb}(\text{Fe}_{1/2}\text{Ta}_{1/2})\text{O}_3$ at $0.00 \leq x \leq 0.10$ (FE-034-P)
S.C. YOUN & W.K. CHOO (South Korea)
- 1501 The dielectric properties and phase transitions of $(1-x)\text{Pb}(\text{Yb}_{1/2}\text{Ta}_{1/2})\text{O}_3\text{--}x\text{PbZrO}_3$ (FE-017-P)
H. KIM, T.H. HWANG, J.-H. KIM & W.K. CHOO (South Korea)
- 1505 Glass–ceramic materials with regulated dielectric properties based on the system $\text{BaO--PbO--TiO}_2\text{--B}_2\text{O}_3\text{--Al}_2\text{O}_3$ (FE-013-P)
J.J. RUIZ-VALDÉS, A.V. GOROKHOVSKY, J.I. ESCALANTE-GARCÍA & G. MENDOZA-SUÁREZ (Mexico)
- 1509 Effect of hygrometry on dielectric materials (DI-011-P)
J. BERNARD, D. HOUIVET, J. EL FALLAH & J.-M. HAUSSONNE (France)
- 1513 The role of C-impurities in alumina dielectrics (DI-018-P)
R. VILA, M. GONZÁLEZ, M.T. HERNÁNDEZ & J. MOLLÁ (Spain)

IV. II Ferroelectrics

- 1517 Ferroelectric domain structures in lead free piezoelectric ceramics composed of Bi-layer structured $\text{SrBi}_4\text{Ti}_4\text{O}_{15}$ (FE-006-O)
T. OGAWA (Japan)
- 1521 Compositional evolution of structural phase transitions in sodium niobates (FE-014-P)
B. JIMÉNEZ, R. JIMÉNEZ, A. CASTRO & L. PARDO (Spain)
- 1525 Electrical investigation of sintering factors influence on PLZT ceramics (FE-001-O)
C. GALASSI, D. PIAZZA, F. CRACIUN & P. VERARDI (Italy)
- 1529 Effect of the composition and sintering process on the electrical properties in $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{--PbTiO}_3$ ceramics (FE-020-P)
M.H. LENTE, A.L. ZANIN, S.B. ASSIS, I.A. SANTOS, J.A. EIRAS & D. GARCIA (Brazil)
- 1535 Electrical properties of $\text{SrBi}_2\text{Ta}_2\text{O}_9$ single crystals grown by self-flux solution (FE-035-P)
H. AMORÍN, M.E.V. COSTA, A.L. KHOLKIN & J.L. BAPTISTA (Portugal)
- 1541 Specifics of polarisation switching in $\text{PbNi}_{1/3}\text{Nb}_{2/3}\text{O}_3\text{--PbTiO}_3\text{--PbZrO}_3$ ferroelectric ceramics (FE-009-P)
A.I. BURKHANOV, A.V. SHIL'NIKOV, S.A. SATAROV (Russia), K. BÖRMANIS, K.A. STERNBERG & A. KALVANE (Latvia)
- 1545 Broad-band dielectric response of doped incipient ferroelectrics (FE-011-P)
V. BOVTUN, V. POROKHONSKYY, M. SAVINOV, A. PASHKIN, V. ZELEZNY & J. PETZELT (Czech Republic)
- 1551 Ferroelectric and ferromagnetic properties of $0.2\text{BiFeO}_3\text{--}0.2\text{RFeO}_3\text{--}0.6\text{ATiO}_3$ ($\text{R}=\text{Pr}$, Nd and $\text{A}=\text{Ba}$, Pb) and $0.8\text{BiFeO}_3\text{--}0.2\text{BaTiO}_3$ (FE-036-P)
J.S. KIM, C.I. CHEON, P.W. JANG, Y.N. CHOI & C.H. LEE (South Korea)

- 1557 New ferroelectric materials on the basis of $\text{PbSc}_{1/2}\text{Nb}_{1/2}\text{O}_3$ – $\text{PbLu}_{1/2}\text{Nb}_{1/2}\text{O}_3$ solid solution (SP-021-P)
K. BORMANIS, M. DAMBEKALNE, M. ANTONOVA, M. LIVINSH, L. SHEBANOV & A. STERNBERG (Latvia)
- 1561 E–T phase diagram of the 6.5/65/35 PLZT incipient ferroelectric (FE-033-P)
B. VODOPIVEC, C. FILIPIĆ, A. LEVSTIK, J. HOLC & Z. KUTNJAK (Slovenia)
- 1565 Relaxor and incipient ferroelectric phases in 6.5/65/35 PLZT ceramics (FE-037-P)
C. FILIPIĆ, B. VODOPIVEC, J. HOLC, A. LEVSTIK, Z. KUTNJAK (Slovenia) & H. BEIGE (Germany)
- 1569 Ferroelectric composites and ceramics based on stillwellite-like solid solutions (SP-038-P)
V.N. SIGAEV, P.D. SARKISOV, S.Yu. STEFANOVICH, A.V. MOSUNOV (Russia), P. PERNICE, A. ARONNE (Italy), T.V. KIM, V.I. FERTIKOV, K.N. AVDYUSHIN, B.G. PARFENOV & A.G. SEGALLA (Russia)

IV.III Ferroelectric Thin Films

- 1573 Microstructural and electrical properties of $(\text{Sr},\text{Ba})\text{Nb}_2\text{O}_6$ thin films grown by pulsed laser deposition (TF-001-O)
A. INFORTUNA, P. MURALT, M. CANTONI, A. TAGANTSEV & N. SETTER (Switzerland)
- 1579 Analysis of the phase content and Zr:Ti fluctuation phenomena in PZT sol-gel films with a nominal composition near the morphotropic phase boundary (TF-002-O)
A. DUTSCHKE, J. MEINHARDT & D. SPORN (Germany)
- 1585 PVP-assisted sol-gel deposition of single layer ferroelectric thin films over submicron or micron in thickness (TF-008-O)
H. KOZUKA, S. TAKENAKA, H. TOKITA & M. OKUBAYASHI (Japan)
- 1589 Electro-acoustic hysteresis behaviour of PZT thin film bulk acoustic resonators (TF-003-O)
M. SCHREITER, R. GABL, D. PITZER, R. PRIMIG & W. WERSING (Germany)
- 1593 Mixed titania-lead oxide seed layers for PZT growth on Pt(111): a study on nucleation, texture and properties (TF-007-O)
S. HIBOUX & P. MURALT (Switzerland)
- 1597 $\text{SrBi}_2\text{Nb}_2\text{O}_9$ Thin films crystallized using a low power microwave oven (TF-035-P)
S.M. ZANETTI, J.S. VASCONCELOS, N.S.L.S. VASCONCELOS, E.R. LEITE, E. LONGO & J.A. VARELA (Brazil)
- 1603 Influence of cation substitution on the phase formation kinetics of $\text{Sr}_{0.7}\text{Bi}_{2.3}\text{Ta}_2\text{O}_9$ thin films (TF-029-P)
W.-C. KWAK & Y.-M. SUNG (South Korea)
- 1607 Influence of oxygen atmosphere on crystallization and properties of LiNbO_3 thin films (TF-022-P)
A.Z. SIMÕES, M.A. ZAGHETE, B.D. STOJANOVIC, A.H. GONZALEZ, C.S. RICCARDI (Brazil), M. CANTONI (Switzerland) & J.A. VARELA (Brazil)
- 1615 Compositional and structural study of ferroelectric multilayer $(\text{Pb},\text{La})\text{TiO}_3/(\text{Pb},\text{Ca})\text{TiO}_3$ sol-gel thin films (TF-023-P)
R. POYATO, M.L. CALZADA, L. PARDO, J. GARCÍA LÓPEZ & M.A. RESPALDIZA (Spain)
- 1621 Effects of Bi_2O_3 seeding layer on crystallinity and electrical properties of CSD-derived $\text{Bi}_{4-x}\text{La}_x\text{Ti}_3\text{O}_{12}$ ferroelectric thin films (TF-031-P)
T. HAYASHI, D. TOGAWA, W. SAKAMOTO & S.-I. HIRANO (Japan)
- 1625 Ferroelectric properties of $\text{Pb}(\text{Zr},\text{Ti})\text{O}_3$ thin films prepared by low-temperature MOCVD using PbTiO_3 seeds (TF-027-P)
M. SHIMIZU, M. OKANIWA, H. FUJISAWA & H. NIU (Japan)
- 1629 Preparation and characterization of PZT thin films deposited by pulsed laser deposition on template layer (TF-032-P)
Z.J. WANG, H.Y. BI, H. KOKAWA, L. ZHANG, J. TSAUR, M. ICHIKI & R. MAEDA (Japan)

- 1633 Structural and photoelectrical properties of Nb-doped PZT thin films deposited by pulsed laser ablation (TF-011-P)
I. BOERASU, M. PEREIRA, M.J.M. GOMES (Portugal), B. WATTS, F. LECCABUE (Italy) & P.M. VILARINHO (Portugal)
- 1637 Influence of neodymium and lanthanum doping in the pyroelectric properties of strontium barium niobate (SBN) thin films (TF-014-P)
R.G. MENDES & J.A. EIRAS (Brazil)
- 1641 Ferroelectricity of the 1.7 nm-high and 38 nm-wide self-assembled PbTiO_3 island (TF-015-P)
H. FUJISAWA, M. OKANIWA, H. NONOMURA, M. SHIMIZU & H. NIU (Japan)
- 1647 PZT multilayer films: Modelling polarization effects caused by microstructural inhomogeneities (TF-019-P)
J. RÖDEL, W. BECKERT & W.S. KREHER (Germany)
- 1653 Antiferroelectric PbZrO_3 thin films: structure, properties and irradiation effects (TF-028-P)
A. STERNBERG, K. KUNDZINS, V. ZAULS, I. AULIKA, L. ČAKARE (Latvia), R. BITTNER, H. WEBER, K. HUMER (Austria), D. LESNYH, D. KULIKOV & Y. TRUSHIN (Russia)
- 1659 Phase shift behavior of RHEED intensity oscillation in intermediate growth mode between layer-by-layer mode and step flow mode (TF-037-P)
G.H. LEE & B.C. SHIN (South Korea)

IV.IV Ferroelectrics—Mechanical properties

- 1663 Fatigue anisotropy in lead–zirconate–titanate (DI-017-P)
D.C. LUPASCU & C. VERDIER (Germany)
- 1669 Residual stress in lead titanate thin film on different substrates (TF-021-P)
T. OHNO, D. FU, H. SUZUKI, H. MIYAZAKI & K. ISHIKAWA (Japan)
- 1673 Residual stresses in Pt bottom electrodes for sol-gel derived lead zirconate titanate thin films (TF-039-P)
L. ZHANG, M. ICHIKI & R. MAEDA (Japan)

IV.V Piezoelectrics

- 1677 Poling and bending behavior of piezoelectric multilayers based on $\text{Ba}(\text{Ti},\text{Sn})\text{O}_3$ ceramics (PZ-002-O)
R. STEINHAUSEN, A. KOUVATOV, H. BEIGE, H.T. LANGHAMMER & H.-P. ABICHT (Germany)
- 1681 Ultrasonic transducers with functionally graded piezoelectric ceramics (PZ-004-O)
N. ICHINOSE, N. MIYAMOTO & S. TAKAHASHI (Japan)
- 1687 Electromechanical properties of SBN/BTN Aurivillius-type ceramics up to the transition temperature (PZ-007-O)
A. MOURE, C. ALEMANY & L. PARDO (Spain)
- 1693 Electrical properties of piezoelectric sodium-potassium niobate (PZ-025-P)
M. ICHIKI, L. ZHANG, M. TANAKA & R. MAEDA (Japan)
- 1699 Nonlinear piezoelectric coefficient of $\text{Pb}(\text{Ni},\text{Nb})\text{O}_3$ – $\text{Pb}(\text{Zn},\text{Nb})\text{O}_3$ – PbZrO_3 – PbTiO_3 system ceramics (PZ-016-P)
K. ISHII, S. TASHIRO & K. NAGATA (Japan)
- 1703 Piezoelectric and optical properties of Sr-doped $\text{Pt-Pz-Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ ceramics (PZ-015-P)
E. DIMITRIU (Romania), R. RAMER (Australia), C. GHICA, A. IUGA & V. GHIORDANESCU (Romania)
- 1709 Electrical properties of photovoltaic lead lanthanum zirconate titanate in an electrostatic-optical motor application (PZ-026-P)
M. ICHIKI, Y. MORIKAWA, Y. MABUNE & T. NAKADA (Japan)

IV.VI Microwave Dielectrics and Applications

- 1715 Glass-free low-temperature cofired ceramics: calcium germanates, silicates and tellurates (MW-006-O)
M. VALANT & D. SUVOROV (Slovenia)
- 1721 Synthesis and characterisation of doped 6H-BaTiO₃ ceramics (MW-025-O)
G.M. KEITH, M.J. RAMPLING, K. SARMA, N.Mc. ALFORD & D.C. SINCLAIR (UK)
- 1725 Electron microscopy of lead and calcium pyrochlores (MW-003-O)
R. UBIC, J.C. MERRY & A.C. LEACH (UK)
- 1729 Ba_{0.6}Sr_{0.4}TiO₃ and BaZr_{0.3}Ti_{0.7}O₃ thick films as tunable microwave dielectrics (MW-002-O)
F. ZIMMERMANN, M. VOIGTS, W. MENESKLOU & E. IVERS-TIFFÉE (Germany)
- 1735 Processing and properties of BST thin films for tunable microwave devices (MW-019-P)
J. XU, W. MENESKLOU & E. IVERS-TIFFÉE (Germany)
- 1741 Effects of Dy substitution for Y on microwave dielectric properties of High-Q R₂O₃-BaO-ZnO (R=Y and Dy) system (MW-007-O)
A. KAN, H. OGAWA & J. SUGISHITA (Japan)
- 1745 Relationships between Sr substitution for Ba and dielectric characteristics in Sm₂BaZnO₅ ceramics (MW-011-P)
Ke. MORI, H. OGAWA, A. KAN & H. OHSATO (Japan)
- 1749 Microwave dielectric property–microstructure relationships in Y₂Ba(Cu_{1-x}Mg_x)O₅ solid solutions (MW-012-P)
Ka. MORI, H. OGAWA, A. KAN & H. OHSATO (Japan)
- 1755 Low-temperature sintering of Ba_{6-3x}Sm_{8+2x}Ti₁₈O₅₄ microwave dielectric ceramics by B₂O₃ and GeO₂ addition (MW-013-P)
Y. OTA, K.-I. KAKIMOTO, H. OHSATO & T. OKAWA (Japan)
- 1761 Microwave dielectric properties of low-temperature sintered Ca[(Li_{1/3}Nb_{2/3})Ti]O_{3-δ} ceramics (MW-015-P)
P. LIU (PR China), H. OGAWA (Japan), E.S. KIM (South Korea) & A. KAN (Japan)
- 1765 Influence of Zn and Ni substitutions for Mg on dielectric properties of (Mg_{4-x}M_x)(Nb_{2-y}Sb_y)O₉ (M=Zn and Ni) solid solutions (MW-020-P)
A. YOSHIDA, H. OGAWA, A. KAN, S. ISHIHARA & Y. HIGASHIDA (Japan)
- 1769 Dielectric properties and relaxation of SrBi₂(Nb_{0.25}Ta_{0.75})₂O₉ ceramic at RF frequency (MW-010-P)
J.Z. LIU, K. W. KWOK, H.L.W. CHAN & C.L. CHOY (China)
- 1775 Local cationic ordering behavior in Ba(Mg_{1/3}Nb_{2/3})O₃ ceramics (MW-014-P)
Y.-W. KIM, J.-H. PARK & J.-G. PARK (South Korea)
- 1781 Ultra-fine Ba₂Ti₉O₂₀ microwave dielectric materials synthesized by chemical process (DI-022-P)
L.-W. CHU, G.-H. HSIUE, Y.-J. CHIENG, K.-S. LIU & I.-N. LIN (Taiwan)
- 1787 Effects of composition on low temperature sinterable Ba–Nd–Sm–Ti–O microwave dielectric materials (MW-023-P)
C.-C. CHENG, T.-E. HSIEH & I.-N. LIN (Taiwan)
- 1791 Correlation of microwave dielectric properties and crystallinity for pulsed laser deposited Bi₂(Zn_{1/3}Nb_{2/3})₂O₇ thin films (MW-024-P)
H.-F. CHENG, Y.-C. CHEN, H.-L. LIU, L.-G. HWA & I.-N. LIN (Taiwan)
- 1795 Microwave dielectric properties of glass-MCT low temperature co-firable ceramics (MW-022-P)
C.-S. CHEN, C.-C. CHOU, C.-S. CHEN & I.-N. LIN (Taiwan)

- 1799 Far-infrared reflection and microwave properties of $\text{Ba}([\text{Mg}_{1-x}\text{Zn}_x]_{1/3}, \text{Ta}_{2/3})\text{O}_3$ ceramics (MW-017-P)
T. SHIMADA (Japan)
- 1805 Vibrational spectroscopy study of the lattice defects in CaZrO_3 ceramics (MW-016-P)
M. POLLET, M. DATURI & S. MARINEL (France)
- 1811 Investigation of $\text{Ag}(\text{Ta}, \text{Nb})\text{O}_3$ as tunable microwave dielectric (MW-021-P)
F. ZIMMERMANN, W. MENESKLOU & E. IVERS-TIFFÉE (Germany)

IV.VII Superconducting and Magnetic Ceramics

- 1815 High temperature superconductors for power applications (SM-001-I)
M. CHEN, L. DONZEL, M. LAKNER & W. PAUL (Switzerland)
- 1823 The effect of processing conditions on the properties of spray dried $\text{Nd}_1\text{Ba}_2\text{Cu}_3\text{O}_y/\text{Ag}$ composite superconductors (SM-002-O)
I. VAN DRIESCHE, B. SCHOofs, E. BRUNEEL & S. HOSTE (Belgium)
- 1827 High- T_c phase obtained in the Pb/Sb doped Bi–Sr–Ca–Cu–O system (SM-012-P)
V. FRUTH (Romania), M. POPA (Japan), A. IANCULESCU (France), M. STIR (Germany), S. PREDA & G. ALDICA (Romania)
- 1831 Chemical solution techniques for epitaxial growth of oxide buffer and $\text{YBa}_2\text{Cu}_3\text{O}_7$ films (SM-015-P)
A. CAVALLARO, O. CASTAÑO, A. PALAU, J.C. GONZÁLEZ, M.D. ROSSELL, T. PUIG, F. SANDIUMENGE, N. MESTRES, S. PIÑOL & X. OBRADORS (Spain)
- 1837 Production by solid/liquid reaction and characterization of high purity MgB_2 powders and thick films for superconducting application (SM-009-P)
S. BODOARDO, C. PORTESI, P. FINO, R. GONNELLI, M. RAJTERI, E. MONTICONE, C. BADINI & N. PENAZZI (Italy)
- 1841 Synthesis and characterization of A–Sn-substituted (A=Zn, Ni, Co) BaM–hexaferrite powders and ceramics (SM-003-O)
D. LISJAK & M. DROFENIK (Slovenia)
- 1847 The origin of room temperature ferromagnetism in cobalt-doped zinc oxide thin films fabricated by PLD (SM-007-P)
J.H. KIM, H. KIM, D. KIM, Y.E. IHM & W.K. CHOO (South Korea)

IV.VIII Optical Ceramics, Photonics

- 1853 Hybrid organic–inorganic materials containing poled zwitterionic push–pull chromophores (OP-003-O)
G. BRUSATIN, P. INNOCENZI, A. ABBOTTO, L. BEVERINA, G.A. PAGANI, M. CASALBONI, F. SARCINELLI & R. PIZZOFRERATO (Italy)
- 1857 Electro-optical properties of Er-doped SnO_2 thin films (OP-008-P)
E.A. MORAIS, L.V.A. SCALVI, V. GERALDO, R.M.F. SCALVI, S.J.L. RIBEIRO, C.V. SANTILLI & S.H. PULCINELLI (Brazil)
- 1861 Optical properties of As doped ZnO thin films prepared by pulsed laser deposition technique (OP-010-P)
F.K. SHAN, B.C. SHIN, S.C. KIM & Y.S. YU (South Korea)
- 1865 Optical characteristics of Ge doped ZnO compound (OP-011-P)
Y.S. YU, G.Y. KIM, B.H. MIN & S.C. KIM (South Korea)
- 1869 Band gap energy of pure and Al-doped ZnO thin films (OP-012-P)
F.K. SHAN & Y.S. YU (South Korea)

IV.IX Electroceramic Components and Devices

- 1873 Electrical properties of low-inductance barium strontium titanate thin film decoupling capacitors (DI-002-O)
K. KURIHARA, T. SHIOGA & J.D. BANIECKI (Japan)

- 1877 MgTiO₃ for Cu base metal multilayer ceramic capacitors (ED-003-O)
J. BERNARD, D. HOUIVET, J. EL FALLAH & J.M. HAUSSONNE (France)
- 1883 Re-oxidation of Ni-MLCs (ED-007-O)
K. ALBERTSEN (The Netherlands)
- 1889 Firing, quenching and annealing studies on thick-film resistors (ED-004-O)
S. VIONNET, Th. MAEDER & P. RYSER (Switzerland)
- 1893 Piezoresistive anisotropy of thick-film resistors (ED-015-P)
C. GRIMALDI, P. RYSER & S.STRÄSSLER (Switzerland)
- 1897 High-strain response of piezoresistive thick-film resistors on titanium alloy substrates (ED-016-P)
C. JACQ, Th. MAEDER & P. RYSER (Switzerland)
- 1901 Displacement, stiffness and load behaviour of laser-cut RAINBOW actuators (ED-013-P)
J. JUUTI, E. HEINONEN, V.-P. MOILANEN & S. LEPPÄVUORI (Finland)
- 1905 Thermal dependence of pyroelectric parameters of PZT-based multi-component electroceramics (ED-017-P)
D. CZEKAJ, A. LISIŃSKA-CZEKAJ, Z. SUROWIAK, J. ILCZUK (Poland), M. F. KUPRIYANOV & Yu.N. ZAKHAROV (Russia)

V Emerging Fields in Electroceramics

V.I Nanocrystalline Electroceramics

- 1911 Novel electro-rheological nanocrystalline dielectric particles modified with or embedded in organics (NT-003-I)
S.-I. HIRANO, T. YOGO, W. SAKAMOTO, K. BANNO & R. FUKUZAWA (Japan)
- 1919 Partial electronic and ionic conduction in nanocrystalline ceria: role of space charge (NA-002-P)
S. KIM & J. MAIER (Germany)
- 1925 Direct patterning of photosensitive chemical solution deposition PZT layers (NA-012-P)
S. MARSON, R.A. DOREY, Q. ZHANG, R.W. WHATMORE (UK), A. HARDY & J. MULLENS (Belgium)
- 1929 The nature of structural changes in nanocrystalline ZnO powders under linear heating conditions (NA-005-P)
Z.V. MARINKOVIĆ, L. MANČIĆ & O. MILOŠEVIĆ (Yugoslavia)
- 1935 Combustion synthesis and the influence of precursor packing on the sintering properties of LCC nanopowders (NA-006-P)
K. ZUPAN, M. MARINSEK, S. PEJOVNIK, J. MAČEK & K. ZORE (Slovenia)
- 1941 Synthesis and sintering behaviour of hydrothermally synthesised YTZP nanopowders for ion-conduction applications (NA-008-P)
R.R. PITICESCU (Romania), B. MALIC, M. KOSEC (Slovenia), A. MOTOC (Romania), C. MONTY (France), I. SOARE (Romania), T. KOSMAC & A. DASKOBLER (Slovenia)
- 1945 Microstructural investigation of the PZT films prepared from the suspension of nanocrystalline powders (NA-016-P)
Z. BRANKOVIĆ, G. BRANKOVIĆ & J.A. VARELA (Brazil)
- 1949 Nanostructuring in potassium titanium phosphate glasses containing SiO₂ (SP-018-P)
V.N. SIGAEV (Russia), P. PERNICE, L.E. DEPERO, A. ARONNE, E. BONTEMPI (Italy), O.V. AKIMOVA (Russia) & E. FANELLI (Italy)
- 1953 Intense visible light emission from three-dimensional periodical arrays of Si clusters (NT-013-P)
S. SATO, N. YAMAMOTO, K. NAKANISHI, H. YAO & K. KIMURA (Japan)

V.II Functional Mesoporous and Cellular Oxides

- 1957 Preparation of silicate foams using $\text{HSi(OC}_2\text{H}_5)_3$ and their NO_x adsorption behavior (NT-005-O)
S. KATAYAMA, N. YAMADA & M. AWANO (Japan)
- 1961 Macroporous and nanosized ceramic films prepared by modified sol-gel method with PMMA microsphere templates (NT-006-O)
K. SASAHARA, T. HYODO, Y. SHIMIZU & M. EGASHIRA (Japan)
- 1969 Humidity sensors based on mesoporous silica thin films synthesised by block copolymers (NT-012-P)
A. BEARZOTTI, J.M. BERTOLO, P. INNOCENZI, P. FALCAÑO & E. TRAVERSA (Italy)