

## **PHYSICS: GRADUATE COURSES 2008/2009**

| <b>Course#</b> | <b>Course Title</b>  | <b>Instructor(s)</b>                                     | <b>Students</b>  |
|----------------|--|--|--|
| 1.Teor         | Electromagnetic Theory   | <i>M. Bornatici</i>                                      | <i>Belfiore, Cazzola, Livan, Prando</i>                            |
| 3.Teor         | Statistical Mechanics: Statistical Field Theory                    | <i>M. Guagnelli, B. Pasquini</i>                         | <i>Bignamini, Bisio, Costanza, Facchini, Morini</i>                |
| 4.Teor         | Quantum Information Science  | <i>M.G. D'Ariano, B. Valiron</i>                         | <i>Caridad Hernandez, Dall'Arno</i>                                |
| 14.Teor        | Advanced Theory of Solids  | <i>L.C. Andreani, M. Patrini, D. Bajoni, D. Gerace</i>   | <i>Caridad Hern., Giudicatti, Portalupi, Prando, Morini</i>        |
| 2.Exp          | Ionizing radiations and biological structures: Theory&Applications | <i>A. Ottolenghi</i>                                     | <i>Palesi, Protti, Mariotti</i>                                    |
| 4.Exp          | Microscopic and Spectroscopic Characterization of Materials        | <i>F. Marabelli, G.Ceccone, F. Maglia, E. Quartarone</i> | <i>Caridad Hernandez, Giudicatti, Palesi, Portalupi, Dal Conte</i> |
| 6.Exp          | Strongly Correlated Systems in Condensed Matter Physics            | <i>P.Carretta</i>  | <i>Prando, Branzoli, Dal Conte</i>                                 |
| 9.Exp          | Radiation and Particles Detection                                  | <i>M. Livan</i>  | <i>Protti, Uslenghi, Costanza</i>                                  |
| 10.Exp         | Information and Data Analysis                                      | <i>A.Rotondi, A. Fontana, P. Pedroni</i>                 | <i>Belfiore, Cazzola, Livan, Protti, Uslenghi, Bignamini</i>       |