### LISTE DES RAPPORTS 1964

<table>
<thead>
<tr>
<th>References</th>
<th>Titles</th>
<th>Authors</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPA/Int. 64-1</td>
<td>Modification of Neutrino Horn.</td>
<td>S. van der Meer</td>
<td>17.1.64</td>
</tr>
<tr>
<td>NPA/Int. 64-2</td>
<td>Magnetic Measurements on Iron Plate Neutrino Spark Chamber Magnet.</td>
<td>R. Gråb</td>
<td>6.2.64</td>
</tr>
<tr>
<td>NPA/Int. 64-3</td>
<td>Multiple Scattering Contribution to Particle Diagnostics in the Neutrino Experiment.</td>
<td>K. Soop</td>
<td>14.2.64</td>
</tr>
<tr>
<td>NPA/Int. 64-4</td>
<td>Some Considerations of the HLEB Data from the First Phase of the Neutrino Experiment.</td>
<td>C.A. Ramm</td>
<td>2.3.64</td>
</tr>
<tr>
<td>(Draft)</td>
<td>Distribution closed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NPA/Int. 64-5</td>
<td>Not published.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NPA/Int. 64-6</td>
<td>On the Possibilities to Obtain the Neutrino Spectrum by Measuring the Corresponding Muon Spectrum.</td>
<td>S. van der Meer, K.M. Vahlbruch, H.W. Wachsmuth</td>
<td>3.3.64</td>
</tr>
<tr>
<td>NPA/Int. 64-7</td>
<td>The NPA Version of THRESH. + Supplement - 31.7.1964.</td>
<td>K. Soop</td>
<td>6.3.64</td>
</tr>
<tr>
<td>NPA/Int. 64-8</td>
<td>Notes de Voyages - Etats-Unis - Angleterre. (23.11. - 14.12.1963)</td>
<td>F. Rohrbach</td>
<td>21.4.64</td>
</tr>
<tr>
<td>NPA/Int. 64-9</td>
<td>On Statistical Estimates of Mean Free Path Measurements.</td>
<td>C. Franzinetti</td>
<td>13.4.64</td>
</tr>
<tr>
<td>NPA/Int. 64-10</td>
<td>On Some Problems Connected with the Analysis of Showers in the Production Region of the Spark Chamber for the Neutrino Experiment.</td>
<td>C. Franzinetti, H.J. Gerber</td>
<td>7.4.64</td>
</tr>
<tr>
<td>References</td>
<td>Titles</td>
<td>Authors</td>
<td>Dates</td>
</tr>
<tr>
<td>-----------------</td>
<td>------------------------------------------------------------------------</td>
<td>------------------</td>
<td>---------</td>
</tr>
<tr>
<td>NPA/Int. 64-11</td>
<td>Ionisation Chamber - Neutrino Event Correlation Study.</td>
<td>R. Brown</td>
<td>5.5.64</td>
</tr>
<tr>
<td>NPA/Int. 64-12</td>
<td>The Slow Neutrons from Carbon. - First Draft -</td>
<td>H. Yoshiki</td>
<td>13.5.64</td>
</tr>
<tr>
<td>NPA/Int. 64-13</td>
<td>On the Distribution of Detector Volume in a Neutrino Beam.</td>
<td>C.A. Ramm</td>
<td>6.5.64</td>
</tr>
<tr>
<td>NPA/Int. 64-14</td>
<td>Notes on a Trip to U.S. Laboratories (April 1964). (Distribution closed)</td>
<td>G. Flass</td>
<td>25.5.64</td>
</tr>
<tr>
<td>NPA/Int. 64-15</td>
<td>High Energy Neutrino Interactions in a Heavy Liquid Bubble Chamber.</td>
<td>H.H. Bingham et al.</td>
<td>12.6.64</td>
</tr>
<tr>
<td>NPA/Int. 64-16</td>
<td>Some Information Provided by 600 MeV/c π - Interactions in Freon.</td>
<td>D.C. Cundy</td>
<td>16.6.64</td>
</tr>
<tr>
<td>NPA/Int. 64-17</td>
<td>Third Symposium on Engineering Problems in Thermo-Nuclear Research - June 22-26, 1964, München.</td>
<td>R. Bertolotto, H. van Breugel, D. Fiander, K.H. Reich</td>
<td>15.7.64</td>
</tr>
<tr>
<td>NPA/Int. 64-18</td>
<td>Conclusion du Run Neutrino du 15.2. au 22.2.1964.</td>
<td>E. Consigny</td>
<td>13.7.64</td>
</tr>
<tr>
<td>NPA/Int. 64-19</td>
<td>Summary of the Results on the Emulsions Exposed to the 'Neutrino Beam' with and without Horn during the Period 1963.</td>
<td>H.H. Bingham, L. Hoffmann, M. Nikolic</td>
<td>27.7.64</td>
</tr>
<tr>
<td>NPA/Int. 64-20</td>
<td>Summary of the Emulsion Measurements of the Muon Flux for the Neutrino Experiment during the Period 1964.</td>
<td>L. Hoffmann, M. Nikolic</td>
<td>27.7.64</td>
</tr>
<tr>
<td>NPA/Int. 64-21</td>
<td>Focusing with Quadrupoles, Doublets and Triplets.</td>
<td>E. Regenstreif</td>
<td>28.7.64</td>
</tr>
<tr>
<td>References</td>
<td>Titles</td>
<td>Authors</td>
<td>Dates</td>
</tr>
<tr>
<td>------------</td>
<td>------------------------------------------------------------------------</td>
<td>--------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>NPA/Int. 64-22</td>
<td>Conclusion du Run Neutrino du 14.3. au 26.3.1964.</td>
<td>E. Consigny</td>
<td>10.8.64</td>
</tr>
<tr>
<td>NPA/Int. 64-23</td>
<td>Conclusion du Run Neutrino du 14.5. au 23.5.1964.</td>
<td>E. Consigny</td>
<td>10.8.64</td>
</tr>
<tr>
<td>NPA/Int. 64-24</td>
<td>Conclusion du Run Neutrino du 28.5. au 6.6.1964.</td>
<td>E. Consigny</td>
<td>10.8.64</td>
</tr>
<tr>
<td>NPA/Int. 64-25</td>
<td>Progress Report on Experimental Study of Neutrino Interactions in the CERN H.L.B.C.</td>
<td>M.M. Block et al.</td>
<td>3.8.64</td>
</tr>
<tr>
<td>NPA/Int. 64-26</td>
<td>Analysis of Low - ( q^2 ) - Events.</td>
<td>R. Stump</td>
<td>25.8.64</td>
</tr>
<tr>
<td>NPA/Int. 64-27</td>
<td>The Kicker Magnet of the CPS - Fast Ejection System.</td>
<td>S. Pichler</td>
<td>26.10.64</td>
</tr>
<tr>
<td>NPA/Int. 64-28</td>
<td>Not published.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NPA/Int. 64-29</td>
<td>Neutrino Interactions in the CERN Heavy Liquid Bubble Chamber.</td>
<td>M.M. Block et al.</td>
<td>16.9.64</td>
</tr>
<tr>
<td>NPA/Int. 64-30</td>
<td>Some Remarks on Ellipsoidal Focusing.</td>
<td>E. Regenstreif</td>
<td>Sept.64</td>
</tr>
<tr>
<td>NPA/Int. 64-31</td>
<td>High Energy Neutrino Experiments.</td>
<td>C.A. Ramm</td>
<td>5.10.64</td>
</tr>
<tr>
<td>NPA/Int. 64-32</td>
<td>Not published.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NPA/Int. 64-33</td>
<td>Preliminary Estimates of Rates of ( v ) and ( \bar{v} ) Events to be Expected with Propane in the HLBC.</td>
<td>G. Franzinetti G. Myatt K. Schultze</td>
<td>26.10.64</td>
</tr>
<tr>
<td>NPA/Int. 64-34</td>
<td>A Possible Future Development of the NPA Programme. (Distribution closed)</td>
<td>C.A. Ramm</td>
<td>26.10.64</td>
</tr>
<tr>
<td>NPA/Int. 64-35</td>
<td>Some Calculations on Nuclear Cascades Induced by Neutrinos.</td>
<td>G. Myatt</td>
<td>5.11.64</td>
</tr>
<tr>
<td>References</td>
<td>Titles</td>
<td>Authors</td>
<td>Dates</td>
</tr>
<tr>
<td>-----------------</td>
<td>------------------------------------------------------------------------</td>
<td>---------------</td>
<td>------------</td>
</tr>
<tr>
<td>NPA/Int. 64-36</td>
<td>Summary of Data on Strange Particle Production by Neutrinos in the HLEB.</td>
<td>C. Franzinetti</td>
<td>30.11.64</td>
</tr>
<tr>
<td></td>
<td>(Distribution closed)</td>
<td>J. Keren</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>G. Myatt</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>M. Paty</td>
<td></td>
</tr>
<tr>
<td>NPA/Int. 64-37</td>
<td>International Symposium on Laser Physics and Applications (Oct. 12-14) - Bern.</td>
<td>A. Riegler</td>
<td>7.12.64</td>
</tr>
<tr>
<td>NPA/Int. 64-38</td>
<td>On the Maximum Possible Neutrino Flux from a Parent Pencil.</td>
<td>C.A. Ramm</td>
<td>17.12.64</td>
</tr>
<tr>
<td>(Draft)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NPA/Int. 64-39</td>
<td>Future Experimental Considerations for the H.L.B.C.</td>
<td>H. Burmeister et al.</td>
<td>17.12.64</td>
</tr>
<tr>
<td>(Draft)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NPA/Int. 64-40</td>
<td>The Analysis of &quot;One Proton&quot; Neutrino Elastic Events.</td>
<td>H. Yoshiki</td>
<td>18.12.64</td>
</tr>
<tr>
<td>(Draft)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NPA/Int. 64-41</td>
<td>Some Considerations concerning Nearest Future Neutrino Physics.</td>
<td>H. Wachsmuth</td>
<td>17.12.64</td>
</tr>
<tr>
<td>(Draft)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>