

Our experiments at Leiden were entirely successful and we were able to fix definitely the temperature and pressure at which liquefaction of air is possible. Before I left Leiden further work on mixtures of oxygen and nitrogen was projected and determination of the viscosity of hydrogen at the critical point was offered me for development at a future "orientation" as Professor Kamerlingh Onnes called it. But these problems would require a long time for solution and it is difficult to see how arrangements can be made for pursuing this very attractive plan. Perhaps there may be opportunities to carry on work of this kind at Queen's University.

Of the low temperature work at Leiden so much should be said that it may be left for treatment in a future paper.

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