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Envoi

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Jacques Bros asked me to make some remarks in closing.

First, it seems to me that we have had a very successful meeting. The achievements reported were solid and promising for further developments. Furthermore, future organizers of such meetings will find it difficult to match the atmosphere of this amphitheater of the Sorbonne.

Second, I would like to comment on one trend in the talks: efforts to develop quantum geometry. We have heard from Sergio Doplicher about a very interesting algebra of non-commuting space-time coordinates that implies physically reasonable space-time uncertainty relations. Stephen Summers has told us about work that connects the algebraic structure of the net of algebras of local observables to the geometry of space-time. There is another aspect of this work on local algebras that has had much attention recently: the systematic development of quantum field theories on curved space-time. Perhaps further interesting structures will turn up that can be used to characterize the geometry of space-time in terms of the net of local algebras of observables.

It's all very interesting. Thanks to our hosts. See you in three years'time.

A.S. Wightman