

1056-01-1572 **Ruediger Thiele*** (ruediger.thiele3@freenet.de), Hall, Germany. *Johann Bernoulli's lost lecture on differential calculus and its sequels.*

During his stay in Paris in 1691/92 the young Johann Bernoulli provoked sensation because he was able to employ the Leibnizian calculus. The French mathematician l'Hospital even asked for an introduction into the calculus and stipulated a cumbersome contract with Bernoulli, who gave l'Hospital the entire authorship of all later publications in this field. In 1696 l'Hospital published the well-known "Analyse" which became the most influential text-book at the time.

How much did l'Hospital take from Bernoulli's lectures? The question has been vigorously debated although it can be definitely answered by an inspection of Bernoulli's lecture notes and his correspondence with l'Hospital. (Received September 22, 2009)