

Lecture | Thursday 17th October 2019 | 6pm-7pm University of Lausanne | Synathlon 2420

Breaking 2: The application of sports science to enhancing marathon performance

Pr. Andrew jones



Mail

Institut des sciences du sport de l'Université de Lausanne

BREAKING 2: The Application of Sports Science to Enhancing Marathon performance

On 6th May, 2017, exactly 63 years after Sir Roger Bannister ran the first suby, 4201177, review three elizeschistense ranger Batterstered the first the (4) moist) with intrade etter undistated in mitmensarattempire destructions) 21/htourkathers tevent, and a mailed atatatheorin less thate 2 racking This event, proformed let was formulan linagentrask molecular balve area the jeul mination Af an a so-<u>peculation amongst sports scientists and the attible to commy tity over</u> rectrication amongst sports scientists and the athletic community of the there a sub-2 hour marathon may be humanly possible (and, if so, when ref whether a sub-2 hour marathon may be humanly possible (and, if so, when ref whether a sub-2 hour marathon may be humanly possible (and, if so, when nd how it might occur). In the Breaking 2, event Eliud Kipchoge of Kenya nd his 2, when and how it might occur) in the Breaking 2, event Eliud Kipchoge of Kenya nd his 2, when and how it might occur) in the Breaking 2 event eliud Kipchoge of Kenya nd his presentation, 1 shall describe the physiological limitations, to human le shy of a sub-2 hour performance. In this presentation, 1 shall be the physiological limitations to human a unance exercise performance and outline the strategy employed by the skeribe and with regard to athlete strategy is marked by the reference of the sub-2 the strategy is marked by the shall be the strategy and creation of the optimal shall be sub-2 hour performance of the physiological indications is to human a sub-2 hour performance and outline the strategy employed by the shall be the sub-2 the strategy is marked by the shall be the sub-2 the strategy is marked by the shall be the sub-2 the strategy is marked by the shall be the sub-2 the strategy is the strategy is the strategy the strategy to be the sub-2 hour performance and outline the strategy employed by the shall be the sub-2 the strategy is marked by the shall be the sub-2 the strategy is the strategy is the strategy to be the sub-2 hour performance and outline the strategy employed by the shall be sub-2 hour performance and outline the strategy employed by the shall be be the sub-2 hour performance as the strategy employed by the strategy is the strategy employed by the strategy end to a sub-2 hour performance as the strategy end to a sub-2 hour performance as the strategy end to a sub-2 hour performance as the strategy end to a sub-2 hour performance as the strategy end to a sub-2 hour performance as th teameristiceperclasses and relieves and relieves and prestine of the service of t envehtionalteremakestheesvieraatterenteriegeandningvilltingeveensideration igitermations en thon hatters, of a laboratory send sight, based in the solution in giala tasts used to identify the cathletes most likely to earch invertee feat and insight into consideration given to the environmental, training, course, pacing, drafting, biomechanical and nutritional factors that can impact marathon performance.



UNIL | Université de Lausanne Institut des sciences du sport de l'Université de Lausanne