

		<p style="text-align: center;">ADDENDUM 6 to ATLAS AGREEMENT 341/2009</p>
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ADDENDUM 6 to ATLAS AGREEMENT No. 341 / 09

<p>6 x 3880 CHF/month subsistence from T585000 6 x 3880 CHF/month subsistence from T580100</p>	<p style="text-align: center;">September 12, 2016</p>
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ARTICLE 2 SCOPE OF THE AGREEMENT

- 2.1 The Pittsburgh ATLAS team continues to support personnel at CERN to execute the agreed work package “Technical Support for the VP1 Event Display” (Annex 1). The time period in question is Nov 1, 2016 – October 31, 2017, inclusive.

ARTICLE 3 FUNDING

- 3.1 The agreed value of the work package is 93 120 CHF per year. Half of this cost, 46 560 CHF, is paid by ATLAS in the form of monthly subsistence (12 x 3880 CHF) to the task holder from Pittsburgh (Dr. Riccardo Bianchi). The remaining other half of the support shall be provided by the US-ATLAS Software and computing project directly to Pittsburgh.

All other conditions of the Agreement remain unchanged.

Signed in Geneva, September 2016

(J. Boudreau)
ATLAS Team leader
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(F. Dittus)
Resources Coordinator
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9/26/16

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ANNEX 1. STATEMENT OF WORK

The following agreement is a contract between physicist/programmer Dr. Riccardo Maria Bianchi and the University of Pittsburgh ATLAS group at CERN. As a member of the University of Pittsburgh ATLAS group Dr Bianchi will be stationed full time at CERN.

Riccardo Maria Bianchi will be the chief person having overall responsibility for the VP1 event display package in ATLAS. This will include the operation, maintenance and development of VP1 and VP1-live. More specifically, this includes the following tasks:

- To use the VP1 package to generate high-quality three dimensional event displays for conferences and publication as requested by the physics groups.
- To enhance the interface to VP1 with features that allow the generation of these displays in a standard ATLAS format to be more automatic.
- To maintain the VP1 documentation and provide tutorials.
- To restore VP1 and VP1-live to a fully operational state and fix bugs as they arise.
- To ensure that VP1 and the libraries upon which it depends are updated as needed to follow the evolution of the ATLAS software environment towards new machine architectures and compilers.
- To maintain a list of requested features from the physics groups; to prioritize these requests, and to implement them.
- To add to the functionality, informativeness and richness of the display, developing in particular the display of physics-related objects.
- To adapt the program to more commonly used input formats, such as AOD and D3PD, since today only the ESD is well supported.
- Eventually to grid-enable the VP1 program so that an event could be automatically located on the grid and fetched through the VP1 interface.
- To participate in data quality shifts as the on-call event display expert.

Dr. Bianchi receives a salary and social benefits from the University of Pittsburgh, including reimbursement for Uniqua health insurance. Additional living expenses while at CERN are paid from the ATLAS Team Accounts (T585000 and T580100); Dr. Bianchi's telephone, office supplies and travel expenses are also paid from the Pittsburgh team account(T241600). The title of the position is physicist/programmer. The contract is extended until October 31, 2016.

It is understood that this agreement is contingent upon the continued availability of funding, satisfactory performance of the work, and compliance with the rules and regulations applicable on the CERN site. The agreement is otherwise subject to all terms and conditions in ATLAS Agreement No. 341/09.