

## DOSI Meeting Charter

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### Purpose and Outlook

The stated purpose of the DOSI meeting is to help achieve the specific aims of the Laser Medical and Microbeam Program (LAMMP) proposal, namely the DOSI section of the grant. These specific aims are:

1. *Develop miniaturized and standardized broadband FDPM-based DOS technology.*
2. *Develop broadband FDPM-based DOS technology from supercontinuum light sources.*
3. *Engineer and visualize interrogation volumes by spatial/spectral analysis and fiber probe design.*
4. *Advance fundamental/clinical understanding through collaborative translational research.*

### Meeting Time and Location

Current meeting time: Wed @ 1 pm

Current meeting location: BLI Library

These times/dates are current as of 1 June 2008, and are subject to change depending upon the conditions and needs of the participants in this meeting.

### Who are the Participants?

Participants in the DOSI meeting will be students/staff/faculty working in DOSI. Translation: If you use the LBS/DOS/DOSI instrument, then this means you. Given the complexities of undergraduate schedules, it is not expected for you to attend, but undergraduates (working with Albert) must then attend the Undergraduate Research Meeting instead.

Albert Cerussi will be the lead for the direction and content of this meeting.  
Jangwoen Lee will administrate and coordinate.

### Expectations of Participants

DOSI participants should make every effort to come, but it is understandable that people cannot make every meeting.

Participants will be asked, with sufficient prior notice, to present some of their work to the group. These presentations are not to be polished, well-rehearsed talks for conferences etc. Rather, these are meant to be *research updates*, particularly those that highlight problems or provide solutions (I kind of like the solutions ...). Or they may be presenting a new clinical problem for a collaborative effort. Essentially, anything that relates to:

- (1) DOSI Technology and Instrumentation (essentially aims 1-3, and any other LBS/DOS issues such as standardization, spectra analysis, "unknown chromophores," calibration ... etc.)
- (2) DOSI Applications (essentially aim 4: looking for mostly new applications, but not exclusively)

## *DOSI Lab Meeting Agenda*

I would also like to institute a small journal club component to this meeting. The goal would be to present a paper, in about 30-45 minutes, that is relevant to the two areas above. Again, the idea is not to present a detailed analysis, but merely to alert the DOSI group to good (and even bad!) research that impacts us and our aims.

### **Meeting Contact and Information Flow**

A new yahoo group ([Diffuse Optical Spectroscopic Imaging@yahoogroups.com](mailto:Diffuse_Optical_Spectroscopic_Imaging@yahoogroups.com)) is active.

Check the DOSI website ([dosi.bli.uci.edu](http://dosi.bli.uci.edu)) for more updates.

Materials related to this meeting (any papers, PPT's, data summaries etc) will be archived on the DOS server.